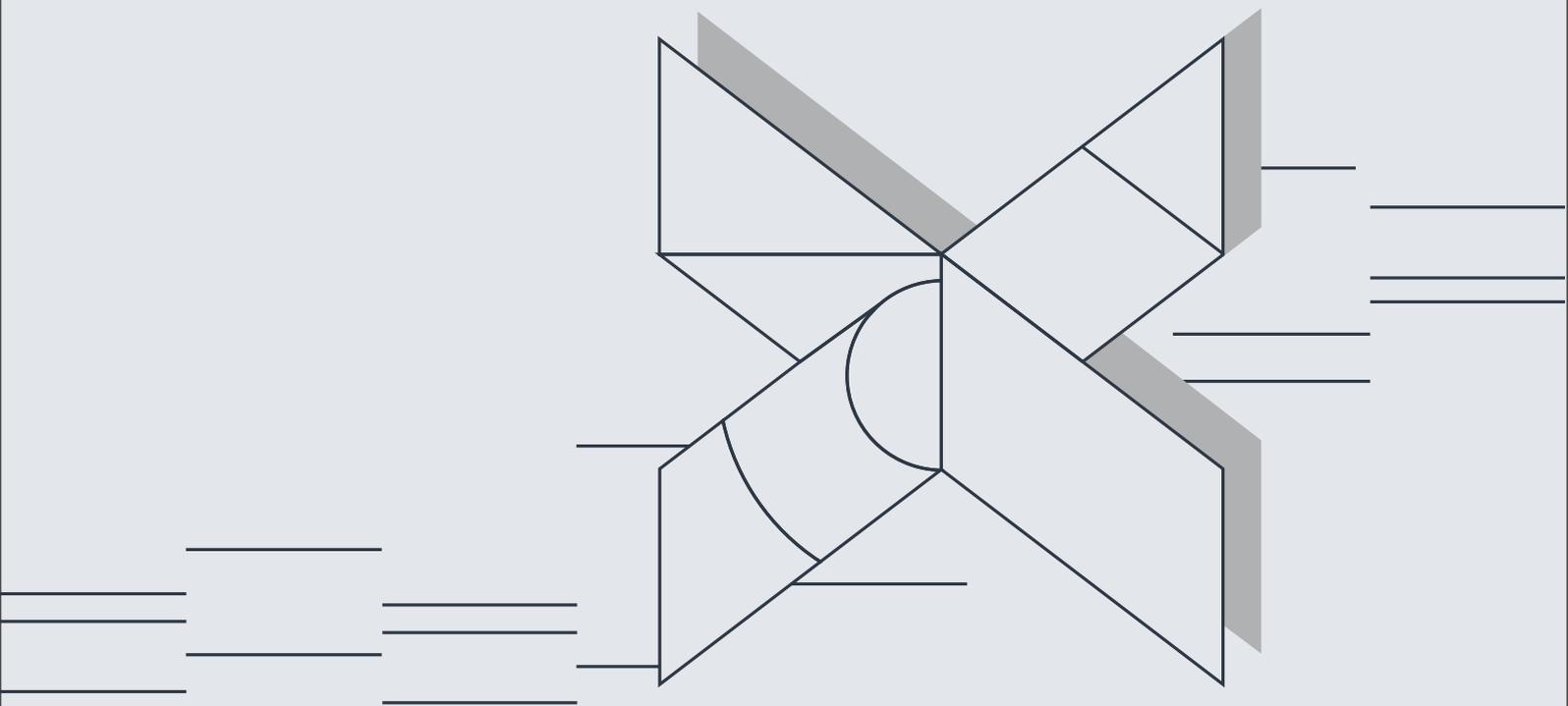


GPAIS for Lithuania User Manual

2024 November
Dynamics 365 Business Central



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User Manual versions

Version	Date	Changes
v. 1.0.3.0	2023-10-27	Initial version
v. 1.0.3.6	2024-01-01	Added chapter 3. GPAIS item package . Changes in sections 2.1. (Deleted setting Allow Item Unit Templates) and 2.5.1. (New fields: GPAIS Status URL, GPAIS Result URL).
v.1.0.5.0	2024-04-26	Added chapter 5.GPAIS Multi-Use Non-Deposit Package (Tare) . Changes in section 7.2.6 (Added Entry Flow filter) GPAIS setting for visibility in Role Center (more details in 2.8 section)
V.1.0.6.0	2024-11-15	Added chapters 6. Product package creation from BOM , 9. Creation of Correction Journal

1. GPAIS - What is it?

This document is a user manual that describes how to use the functionality of **Oixio GPAIS for Lithuania** in the Dynamics 365 Business Central (BC) system.

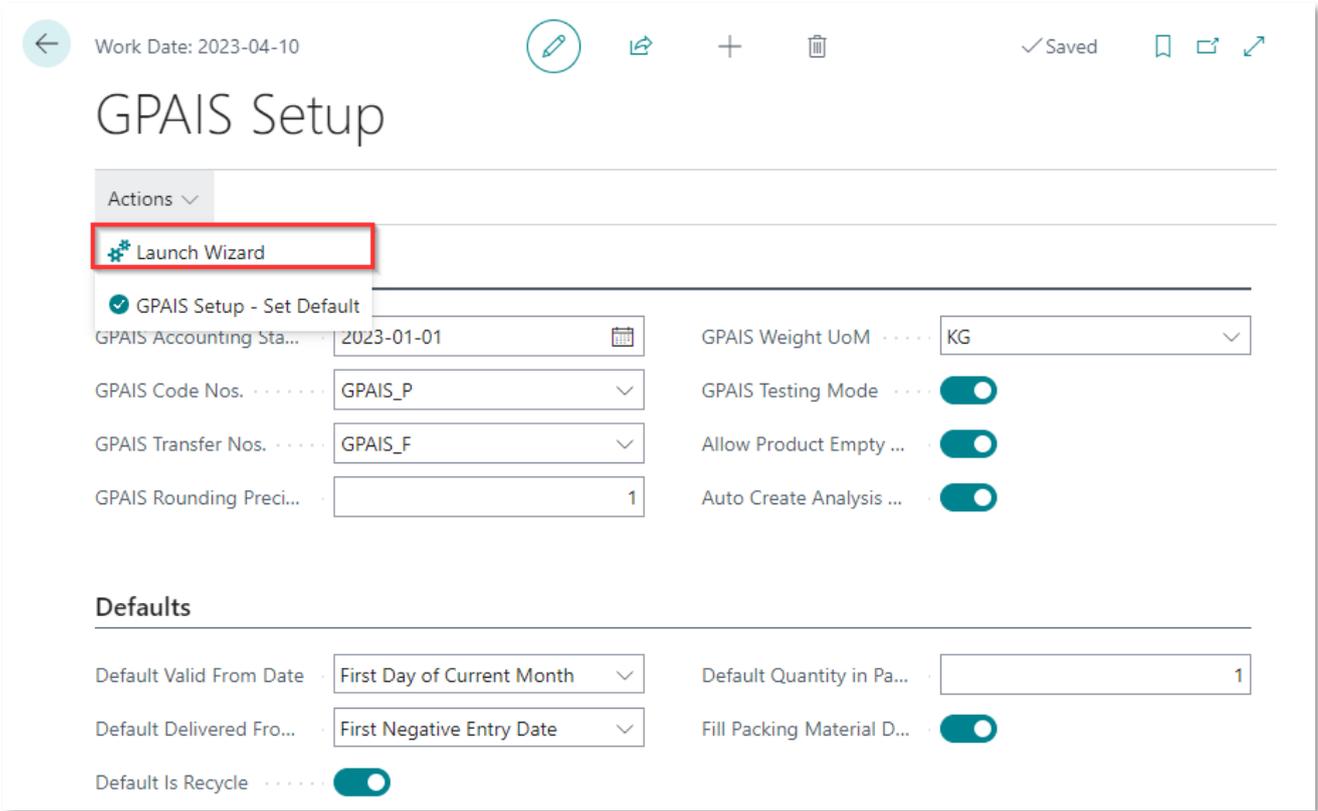
BC extension - **Oixio GPAIS for Lithuania** is intended for the integration of packaging and/or product accounting with the GPAIS system.

GPAIS is a unified product, packaging, and waste accounting information system. Since 2018, manufacturers and/or importers defined in the Law on the management of packaging and packaging waste must carry out the accounting of packaging and/or products in GPAIS.

2. General GPAIS Setup

Importing the **Oixio GPAIS for Lithuania** extension creates a general GPAIS setup. Before working with GPAIS functionality, the missing GPAIS settings described in this section need to be filled/adjusted.

The initial setup can be filled with the help of the GPAIS Launch Wizard. Before starting work with the GPAIS Launch Wizard, you must assign **GPAIS administrator** rights in the **User settings**. The GPAIS Launch Wizard is started by selecting: **GPAIS Setup -> Actions -> Launch Wizard**:



Picture 1 GPAIS Setup page

2.1. GPAIS Setup

On the **GPAIS Setup** page, complete the following fields:

Field name	Value
General tab	
GPAIS Accounting Start Date	Indicates the start date when the item entries will be included in the GPAIS journal.
GPAIS Code Nos.	Specify the number series (up to 20 characters) that will be used for numbering GPAIS products and commodity units. Selecting Actions -> GPAIS Setup – Set Default on the GPAIS Setup page will automatically create the number series.
GPAIS Transfer Nos.	Specify the number series (up to 20 characters) that will be used for numbering GPAIS transfer history. Selecting

	Actions -> GPAIS Setup – Set Default on the GPAIS Setup page will automatically create the number series.
GPAIS Rounding Precision	Specify the GPAIS Rounding Precision.
GPAIS Weight UoM	Select the unit of measure in which the GPAIS data will be stored. Selecting Actions -> GPAIS Setup – Set Default on the GPAIS Setup page will automatically fill in the GPAIS Weight UoM to G (grams).
GPAIS Testing Mode	Do not use (functionality is for installation only, as it opens one-time data-filling functions).
Allow Item Unit Templates	Enables/disables functionality of the GPAIS Item Unit Templates.
Allow Product Empty UoM	Set the value to Allow Product Empty UoM. Valid for product packaging only. If the field is checked, it is allowed not to specify the field „Unit of Measure Code“ in the GPAIS product card.
Auto Create Analysis Entries	Specifies whether to automatically create analysis entries when generating the GPAIS log. The analysis entries are used to compile the GPAIS Packaging Material Summary and cross-check with GPAIS summaries.
Defaults tab	
Default Valid From Date	Used when creating product packaging and according to default value, the Valid from Date will be filled. Possible values: - No Date - Work Date - First Day of Current Month - Last Day of Current Month - Set Date
Default Delivered From Date	Used to identify the product’s packaging Delivered From Date value. Possible values: - No Date - First Negative Entry Date - First Negative Entry First Day of Current Month - First Negative Entry Last Day of Current Month - Set Date
Default Is Recycle	This setting assigns a Yes or No value to the “Recycle“ field in the Product Material card.
Default Quantity in Package	According to this setting, the default quantity in the package is assigned to a value in the Product Material Card.
Fill Packaging Material Description	GPAIS will automatically fill in the material description of the product according to the selected material. If this setting is unchecked, the material description must be entered manually.

Picture 2 GPAIS Setup page (filled)

2.2. Permission sets

The following permission sets should be assigned for the users working with the GPAIS functionality according to the purchased package:

Field name	Value
CLT GPAIS DOCUMENT	This permission set permits to work with the document package.
CLT GPAIS ITEM	This permission set permits to work with the Item and document package.

2.3. User Setup

Assign the following settings for the users working with the GPAIS functionality:

Field name	Value
GPAIS Administrator	Indicates whether the user has the right to manage GPAIS settings and data.
Allow Edit GPAIS Item Unit	Indicates whether the user has the right to change the flows of the GPAIS Item Unit.
Allow Edit GPAIS Product	Indicates whether the user has the right to change the flows of GPAIS Product.

2.4. General Business Posting Group Setup

The market of the document acquisition/issuance operation (unless otherwise specified in the template) is assigned according to the field – **GPAIS Post. Group Country of Origin** in the General Business Posting Group Setup. Therefore, before starting to use GPAIS functionality, you need to go to the General Business Posting groups page and for each posting group, it is necessary to indicate **GPAIS Post. Group Country of Origin: Domestic or Foreign**.

Code ↑	Description	Def. VAT Bus. Posting Group	Auto Insert Default	GPAIS Post. Group Country of Origin
→ DOMESTIC	Domestic customers and vendors	DOMESTIC	<input checked="" type="checkbox"/>	Domestic
EU	Customers and vendors in EU	EU	<input checked="" type="checkbox"/>	Foreign
EXPORT	Other customers and vendors (not EU)	EXPORT	<input checked="" type="checkbox"/>	Foreign
INTERCOMP	Intercompany		<input checked="" type="checkbox"/>	Domestic
NUR INVEN			<input checked="" type="checkbox"/>	Domestic
NUR SAV REIK			<input checked="" type="checkbox"/>	Domestic
PERKLASIF			<input checked="" type="checkbox"/>	Domestic

Picture 3 General Business Posting Groups page

2.5. GPAIS Subject List

After importing the **Oixio GPAIS for Lithuania** extension, a GPAIS subject code will be created automatically. After opening the GPAIS subject card, the settings are divided into three sections:

- **General** – general subject code information.
- **Web Service** - integration configuration using REST access.
- **Subject Entry Flows** - product/packaging flows used in the company.

← GPAIS Subject | Work Date: 2023-04-10
✎ ✏ + 🗑
✓ Saved ✏ ↶ ↷

GPAIS TEST

Actions ▾

General

Code GPAIS TEST Default

GPAIS Subject Name ... GPAIS TEST

Web Service Show less

GPAIS Subject Code ... 12345678 GPAIS Product Acces... · https://gpais.eu/o/vws/srv/produ

GPAIS Username eee GPAIS Auto Send Ne... ·

GPAIS RSA Key Code ... [REDACTED] GPAIS Status URL https://gpais.eu/o/vws/log/status,

GPAIS Journal Access... · https://gpais.eu/o/vws/zrn/journa GPAIS Result URL https://gpais.eu/o/vws/log/result/

Subject Entry Flows | ➕ New Line ➖ Delete Line ✏ ✏

	Product/package Stream ↑	Product/package Stream Reg. ID ↑	Valid From	Valid Till
	Oil Product	1234		
	Vehicle	1235		
→	Electronic Equipment	1236		
	Battery	1237		
	Taxable Product	1238		
	Item Unit	1239		

Picture 4 GPAIS Subject Card

2.5.1. Web services

The ERP design document provided in the GPAIS system specifies two possible options for data transfer from the ERP system of manufacturers and importers:

1st Option. Import data manually without using ERP REST access, i.e. you can import the XML file created in the ERP system by logging into the GPAIS system in the Data Import section of the ERP interface. For this option, it is enough to fill in the GPAIS Subject code field in the Web Service tab.

2nd Option. Data import **using REST access.** REST access requires authorization, for which the following fields must be filled in the GPAIS Subject card:

Field name	Value
Web Service tab	
GPAIS Subject Code	Customer information obtained from the GPAIS system: ERP Integration -> Help -> List of stream registrations of user subjects represented -> after

	clicking on this link the subjektuRegistracijosSarasas.csv file is exported, which contains information about the flows used by the Subject and their codes. In this field, you need to enter the Subject Code provided in the file, which is usually the company code.
GPAIS Username	The username of the user from the GPAIS system that provides data in GPAIS.
GPAIS RSA Key Code	The password must be encoded with the private key of the user's signature (id_rsa), which is generated by the user in the "Settings" section of the GPAIS ERP interface and processed with Base64 encoding.
GPAIS Journal Access URL	PROD URL: https://gpais.eu/o/vvs/zrn/journal/import ; TEST URL: https://tst.gpais.eu/o/vvs/zrn/journal/import ;
GPAIS Product Access URL	PROD URL: https://gpais.eu/o/vvs/srv/products/import ; TEST URL: https://tst.gpais.eu/o/vvs/srv/products/import ;
GPAIS Auto Send New XML	If this field is not set, clicking the [Generate XML] function on the GPAIS Products or GPAIS Logs pages will create a file for the GPAIS transfer history, but will not send it to the GPAIS system. In this case, it is possible to export the data from the GPAIS transfer system to XML and import it manually. If this field is set, the XML file will be sent to GPAIS automatically during the XML generating process.
GPAIS Status URL	https://gpais.eu/o/vvs/log/status/
GPAIS Result URL	https://gpais.eu/o/vvs/log/result/

2.5.2. Subject Entry Flows

A company that meets the criteria of a manufacturer and/or importer must register in the GPAIS Directory of Manufacturers and Importers by registering current flows of products and/or packaging prior to accounting. The flow registration list of subjects represented by the company with flow registration identification numbers must be specified in the GPAIS Subject card in the Subject Entry Flows section, which is required for the preparation of the XML file.

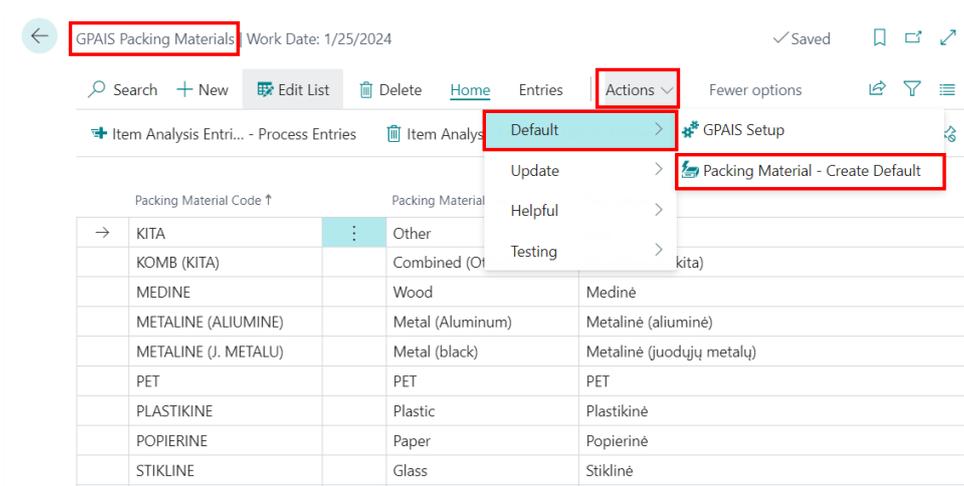
Product/package Stream ↑	Product/package Stream Reg. ID ↑	Valid From	Valid Till
→ Oil Product		1/1/2023	
Vehicle		1/1/2023	
Electronic Equipment		1/1/2024	
Battery	7371	7/1/2023	
Taxable Product		7/1/2023	
Item Unit	7330	1/1/2023	

Picture 5 GPAIS Subject Entry Flows

Field name	Value
Subject Entry Flows tab	
Product/package Stream	Subject Entry Flows registration list.
Product/package Stream Reg. ID	The user-represented Subjects Flow registration ID is obtained from the GPAIS system: ERP Integration -> Help -> List of stream registrations of user subjects represented -> After clicking on this link the subjektuRegistracijosSarasas.csv file is exported, which contains information about the flows used by the Subject and their codes
Valid From	Specify the valid from the date of the Subject Flow. The field is optional.
Valid Till	Specify the valid till date of the Subject Flow. The field is optional.

2.6. GPAIS Packing Materials

The GPAIS Packaging Materials page describes all packaging materials by STI requirements FR0524. The action bar contains the function “Packing Material – Create Default“ which generates default values based on STI requirements. If you want to enter a new material, click “New“ and fill in the required fields.



Picture 6 GPAIS Packing Materials

2.7. GPAIS Classifiers

All GPAIS entries are kept according to GPAIS classifiers, which may change periodically and must be updated. Therefore, in ERP systems all information related to GPAIS must be maintained and updated according to GPAIS classifiers.

On the **GPAIS Classifiers** page:

- check whether the last valid GPAIS classifiers are specified.
- **in the GII Registration column, mark the classifiers that you have submitted in the GPAIS system as used in the company’s activities.**

Package Sort	GI Registration	Description	Classification	Date From	Date To	value	Packing Material	Packing Level	Packing Type
0	<input type="checkbox"/>	Nenurodoma	CL138	1/1/2014		CL13802014-01-01		Unspecified	Unspecified
001	<input type="checkbox"/>	Stiklinė tuščia	CL130	1/1/2022		CL1300012022-01-01	Glass	Unspecified	Empty
002	<input type="checkbox"/>	Plastikinė tuščia	CL130	1/1/2022		CL1300022022-01-01	Plastic	Unspecified	Empty
003	<input type="checkbox"/>	Metalinė (aliuminio) tuščia	CL130	1/1/2022		CL1300032022-01-01	Metal (Aluminum)	Unspecified	Empty
004	<input type="checkbox"/>	Metalinė (juodųjų metalų) tuščia	CL130	1/1/2022		CL1300042022-01-01	Metal (black)	Unspecified	Empty
005	<input type="checkbox"/>	Popierinė (kartoninė) tuščia	CL130	1/1/2022		CL1300052022-01-01	Paper	Unspecified	Empty
006	<input type="checkbox"/>	Kita tuščia	CL130	1/1/2022		CL1300062022-01-01	Other	Unspecified	Empty
007	<input type="checkbox"/>	PET tuščia	CL130	1/1/2022		CL1300072022-01-01	PET	Unspecified	Empty
008	<input checked="" type="checkbox"/>	Medinė tuščia	CL130	1/1/2022		CL1300082022-01-01	Wood	Unspecified	Empty
009	<input type="checkbox"/>	Kombinuota tuščia	CL130	1/1/2022		CL1300092022-01-01	Combined (Other)	Unspecified	Empty
011	<input checked="" type="checkbox"/>	Stiklinė pimirinė	CL130	1/1/2022		CL1300112022-01-01	Glass	Primary (product)	Single Use
012	<input checked="" type="checkbox"/>	Plastikinė pimirinė	CL130	1/1/2022		CL1300122022-01-01	Plastic	Primary (product)	Single Use
013	<input checked="" type="checkbox"/>	Metalinė (aliuminio) pimirinė	CL130	1/1/2022		CL1300132022-01-01	Metal (Aluminum)	Primary (product)	Single Use
014	<input checked="" type="checkbox"/>	Metalinė (juodųjų metalų) pimirinė	CL130	1/1/2022		CL1300142022-01-01	Metal (black)	Primary (product)	Single Use
015	<input checked="" type="checkbox"/>	Popierinė (kartoninė) pimirinė	CL130	1/1/2022		CL1300152022-01-01	Paper	Primary (product)	Single Use
016	<input checked="" type="checkbox"/>	Kita pimirinė	CL130	1/1/2022		CL1300162022-01-01	Other	Primary (product)	Single Use
017	<input checked="" type="checkbox"/>	PET pimirinė	CL130	1/1/2022		CL1300172022-01-01	PET	Primary (product)	Single Use
018	<input type="checkbox"/>	Medinė pimirinė	CL130	1/1/2022		CL1300182022-01-01	Wood	Primary (product)	Single Use
019	<input type="checkbox"/>	Kombinuota pimirinė	CL130	1/1/2022		CL1300192022-01-01	Combined (Other)	Primary (product)	Single Use
021	<input type="checkbox"/>	Stiklinė antrinė (tretinė)	CL130	1/1/2022		CL1300212022-01-01	Glass	Secondary (group)	Single Use
022	<input type="checkbox"/>	Plastikinė antrinė (tretinė)	CL130	1/1/2022		CL1300222022-01-01	Plastic	Secondary (group)	Single Use
023	<input checked="" type="checkbox"/>	Metalinė (aliuminio) antrinė (tretinė)	CL130	1/1/2022		CL1300232022-01-01	Metal (Aluminum)	Secondary (group)	Single Use
024	<input checked="" type="checkbox"/>	Metalinė (juodųjų metalų) antrinė (tretinė)	CL130	1/1/2022		CL1300242022-01-01	Metal (black)	Secondary (group)	Single Use
025	<input checked="" type="checkbox"/>	Popierinė (kartoninė) antrinė (tretinė)	CL130	1/1/2022		CL1300252022-01-01	Paper	Secondary (group)	Single Use
026	<input type="checkbox"/>	Kita antrinė (tretinė)	CL130	1/1/2022		CL1300262022-01-01	Other	Secondary (group)	Single Use

Picture 7 GPAIS Classifiers

2.7.1. GPAIS classifier import/update from the WEB

A GPAIS classifier file can be imported from the GPAIS system. On the GPAIS classifiers page, select **Actions** -> **Import from web**. If you can access the GPAIS classifiers file and successfully import/update the classifiers, you will receive a message:

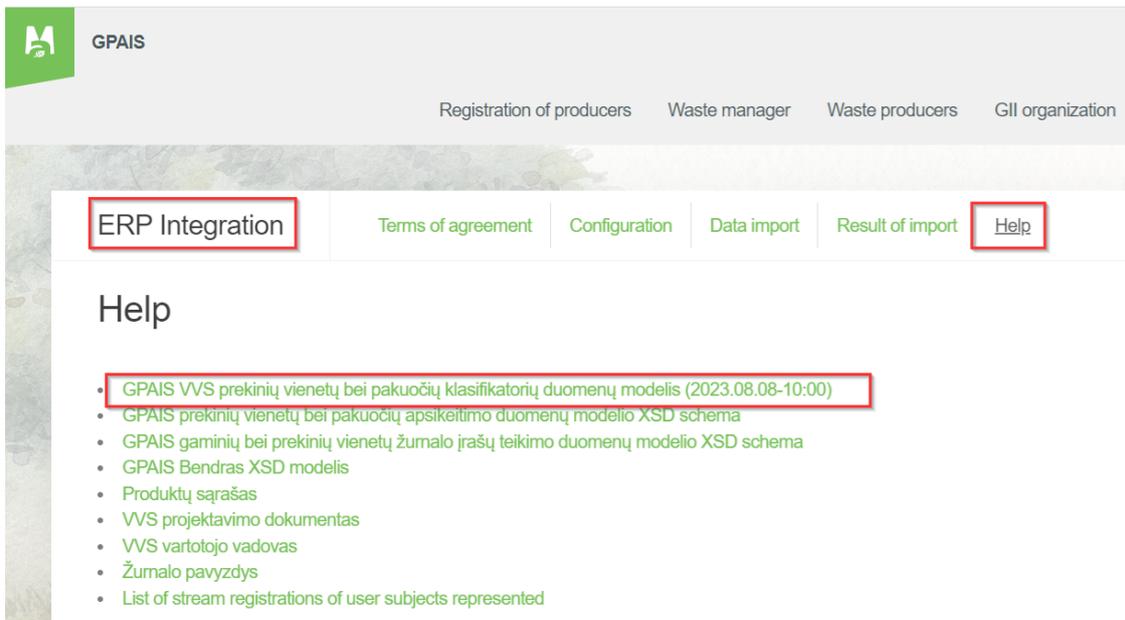


Picture 8 GPAIS Classifiers import message

If you fail to import/update the classifier file from web, try importing data from xsd as described in the next section.

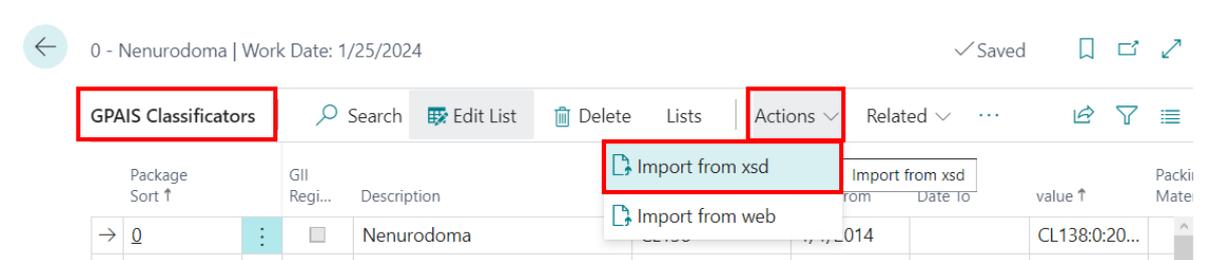
2.7.2. GPAIS classifier import from xsd

The latest file of classifiers can be created by connecting to the GPAIS system. Here is an example of “retrieving” a file by connecting to the testing environment <https://tst.gpais.eu> in the “ERP interface” section, under the “Help” section.



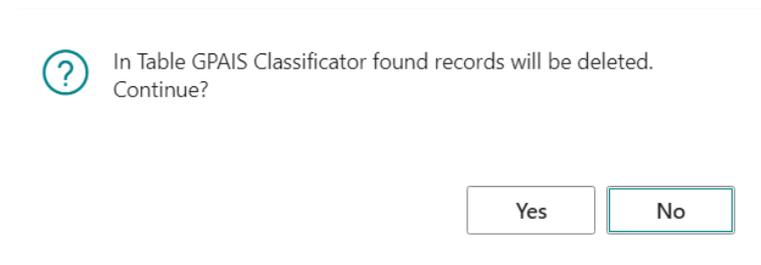
Picture 9 The Help section of the ERP interface window of the GPAIS system

A saved GPAIS classifier file can be imported into the NAV system. Go to the GPAIS classifiers page and select the **Actions** in the menu section and press **Import from xsd**.



Picture 10 GPAIS Classifiers Action options window

If there were previously imported classifiers, you will receive a message:



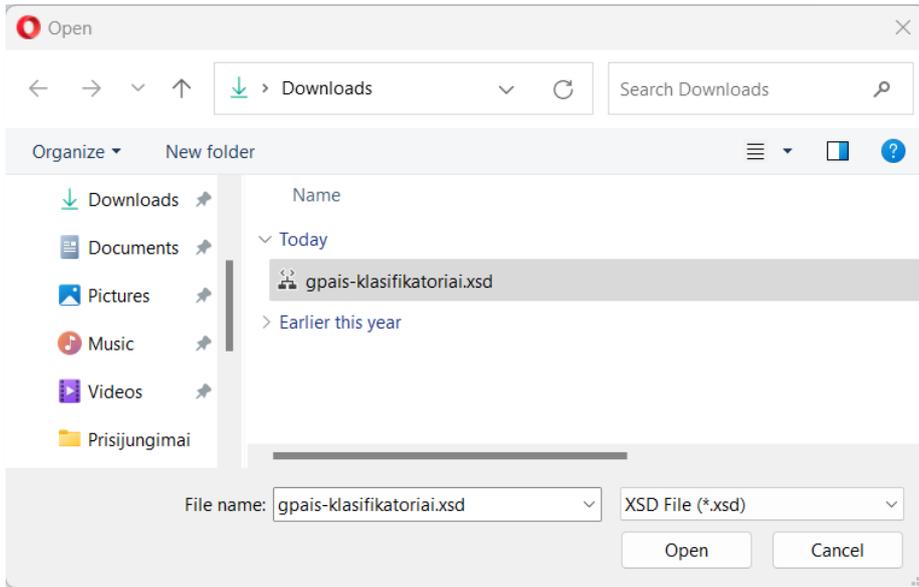
Picture 11 GPAIS Classifiers import message

Click the **Yes** button, and the following message appears:



Picture 12 GPAIS Classifiers xsd file selection page

Click the **Choose** button and select the saved **gpais-klasifikatoriai.xsd** file:



Picture 13 GPAIS Classifier import from xsd selection

If an entry of the classifier that is meant to be imported is found during the import, then it is updated. If not – a new entry is imported. Below there is an example of the message:



Picture 14 GPAIS Classifier import indication message

2.8. GPAIS in Role Center

In order to show GPAIS in Role Center, you need to enable the Show in Role Explorer setting for **CLT GPAIS ROLE CENTER** profile:

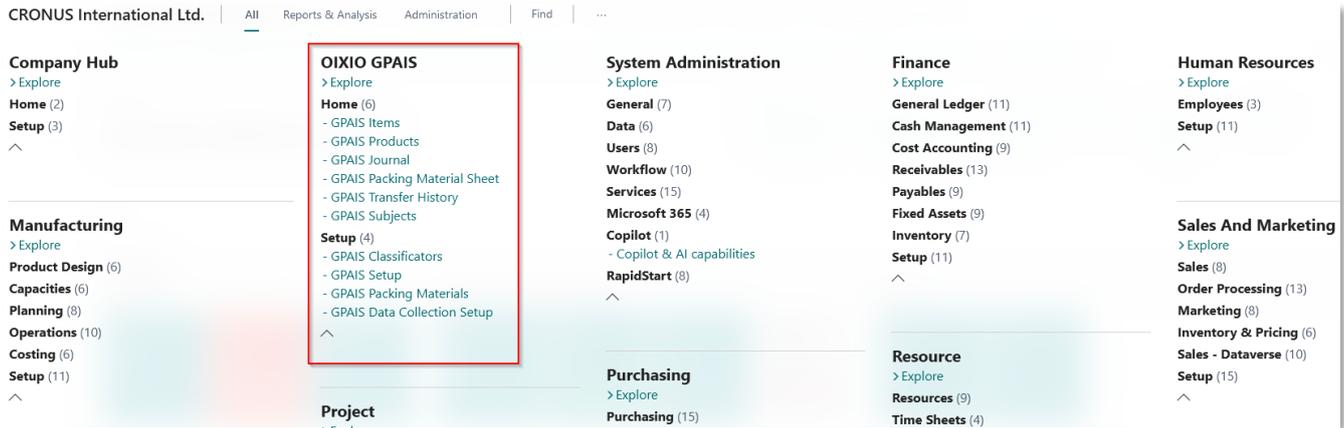
Profiles (Roles) | Work Date: 2026-01-22

Profiles (Roles): All | + New | Manage | Use as default profile | Copy profile... | Customize pages | Export Profiles | Import Profiles | More options

Profile ID	Display Name ↑	Source	Role Center ID	Enabled	Use as default profile	Show in Role Explorer
M365 COLLABORATION	M365 Collaboration	Base Application	8999	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MACHINE OPERATOR	Machine Operator - Manufacturing Comprehensive	Base Application	9013	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MANUFACTURING	Manufacturing	Base Application	8903	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PRODUCTION PLANNER	Manufacturing Manager	Base Application	9010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
O365 SALES	O365 Sales Activities	Base Application	9022	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CLT GPAIS ROLE CENTER	OIXIO GPAIS	OIXIO GPAIS for Lithuania	70320706	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OUTBOUND TECHNICIAN	Outbound Technician - Customer Service	Base Application	9017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ACCOUNTING SERVICES	Outsourced Accounting Manager	Base Application	9023	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRESIDENT	President	Base Application	9019	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Picture 15 Setting to show GPAIS in Role Center

After enabling the setting, the GPAIS will be visible when browsing through the Role Center:



Picture 16 GPAIS in Role Center

3. GPAIS Item Package

Primary and secondary packaging that moves with the item can be accounted for at the item level. In the product card, it is possible to indicate whether it participates in GPAIS, fill the packaging and the materials contained in it with weights and other necessary settings. After filling the product packages and making the necessary settings there is no need to track the packages later and add them to the documents, the system will automatically collect all the necessary data about the origin of the package and the quantities released to the market. Will generate a GPAIS Journal for the selected month.

3.1. GPAIS Data Collection Setup – Item Supply and Item Demand

Importing **Oixio GPAIS for Lithuania** extension creates a standard **GPAIS Data Collection** setup.

3.1.1. GPAIS Data Collection Setup – Item Supply

The **Item Supply** tab lists possible combinations by **Initial Origin** and **Initial Entry type**. Possible meanings of GPAIS Supply: Imported, Produced, Recovered.

Initial Origin is selected according to the General Business Posting group field **GPAIS Post. Group Country of Origin**.

According to these settings, the Supply of GPAIS will be inserted into the GPAIS journal. These default settings can be edited according to the need.

Entry Flow	Item Ledger Entry Type	Initial Origin	Initial Entry Type	Initial Document Type	Initial Source Type	Initial Source No.	Initial Location Code	Initial Gen. Bus. Posting Group	Origin	Docu... Type	Positi...	Source Type	Source No.	Item No.	Location Code	Gen. Bus. Posting Group	Item Category Code	GPAIS Supply
		Foreign	Purchase								<input type="checkbox"/>							Imported
		Foreign	Sale								<input type="checkbox"/>							Imported
		Foreign	Positive Adjmt.								<input type="checkbox"/>							Imported
		Foreign	Negative Adjmt.								<input type="checkbox"/>							Imported
		Foreign	Consumption								<input type="checkbox"/>							Imported
		Domestic	Output								<input type="checkbox"/>							Produced
		Foreign	Output								<input type="checkbox"/>							Imported
		Foreign	Assembly Consumption								<input type="checkbox"/>							Imported
		Domestic	Assembly Output								<input type="checkbox"/>							Produced
		Foreign	Assembly Output								<input type="checkbox"/>							Imported

Picture 17 GPAIS Data Collection Setup – Item Supply

3.1.2. GPAIS Data Collection Setup – Item Demand

The **Item Demand** tab lists possible combinations by **Item Ledger Entry Type** and **Item Ledger Origin**. Possible meanings of GPAIS demand: EV - Export from LT, PV - Selling in LT, ET - Export from LT via third party, SS - Own Use.

Item Ledger Origin is selected according to the General Business Posting group field **GPAIS Post. Group Country of Origin**.

According to these settings, the Demand of GPAIS will be inserted into the GPAIS journal. These default settings can be edited according to the need.

Entry Flow	Item Ledger Entry Type	Item Ledger Origin	Document Type	Positive	Source Type	Source No.	Item No.	Location Code	Gen. Bus. Posting Group	Item Category Code	GPAIS Demand
	Purchase	Foreign		<input type="checkbox"/>							ET - Export from LT vi...
	Sale	Domestic		<input type="checkbox"/>							PV - Selling in LT
	Sale	Foreign		<input type="checkbox"/>							EV - Export from LT
	Positive Adjmt.	Foreign		<input type="checkbox"/>							ET - Export from LT vi...
	Negative Adjmt.	Domestic		<input type="checkbox"/>							SS - Own Use
	Negative Adjmt.	Foreign		<input type="checkbox"/>							SS - Own Use
	Consumption	Domestic		<input type="checkbox"/>							SS - Own Use
	Consumption	Foreign		<input type="checkbox"/>							SS - Own Use
	Output	Foreign		<input type="checkbox"/>							EV - Export from LT
	Assembly Consump...	Domestic		<input type="checkbox"/>							PV - Selling in LT
	Assembly Consump...	Foreign		<input type="checkbox"/>							

Picture 18 GPAIS Data Collection Setup – Item Demand

3.2. Creation of Item Packaging

In the **GPAIS Item List** page, you can see the complete list of products and GPAIS information for each product: whether the product participates in GPAIS (column Used in GPAIS), if it participates, you can see which product/package flows it uses (Item unit, Oil product, Vehicle, Electronic

Equipment, Battery, Taxable Product).

No. 1	Description	Subject Code	GPAIS Accounting Start Date	Item Unit is Mid-Use Non-Paw. Pac...	Base Unit of Measure	Item Category Code	Used in GPAIS	Item Unit	Item Unit Exists	Oil Product	Oil Product Exists	Vehicle	Vehicle Exists	Electronic Equipment	Electr... Equip... Exists	Battery	Battery Exists
1000	Bicycle	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes
1896-S	ATHENS Desk	GPAIS TEST		<input type="checkbox"/>	PCS	DESK	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1900-S	PARIS Guest Chair, black	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1906-S	ATHENS Mobile Pedestal	GPAIS TEST		<input type="checkbox"/>	PCS	TABLE	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1908-S	LONDON Swivel Chair, blue	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1920-S	ANTWERP Conference Table	GPAIS TEST		<input type="checkbox"/>	PCS	TABLE	<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1925-W	Conference Bundle 1-6	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1928-S	AMSTERDAM Lamp	GPAIS TEST		<input type="checkbox"/>	PCS	MISC	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1929-W	Conference Bundle 1-8	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1936-S	BERLIN Guest Chair, yellow	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No

Picture 19 GPAIS Item List

In order to enter a package or other product/packaging stream for an item, you need to check the box next to the desired stream, and then a blank item card for that stream will be created automatically.

Below is an example of how to create an Item Unit package:

- Stand on the item line for which you will create a package and check the box “Item Unit”:

No. 1	Description	Subject Code	GPAIS Accounting Start Date	Item Unit is Mid-Use Non-Paw. Pac...	Base Unit of Measure	Item Category Code	Used in GPAIS	Item Unit	Item Unit Exists	Oil Product	Oil Product Exists	Vehicle	Vehicle Exists	Electronic Equipment	Electr... Equip... Exists	Battery	Battery Exists
1000	Bicycle	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes
1896-S	ATHENS Desk	GPAIS TEST		<input type="checkbox"/>	PCS	DESK	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1900-S	PARIS Guest Chair, black	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1906-S	ATHENS Mobile Pedestal	GPAIS TEST		<input type="checkbox"/>	PCS	TABLE	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1908-S	LONDON Swivel Chair, blue	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1920-S	ANTWERP Conference Table	GPAIS TEST		<input type="checkbox"/>	PCS	TABLE	<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1925-W	Conference Bundle 1-6	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1928-S	AMSTERDAM Lamp	GPAIS TEST		<input type="checkbox"/>	PCS	MISC	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1929-W	Conference Bundle 1-8	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1936-S	BERLIN Guest Chair, yellow	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1853-W	Guest Section 1	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1960-S	ROME Guest Chair, green	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1964-S	TOKYO Guest Chair, blue	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1965-W	Conference Bundle 2-8	GPAIS TEST		<input type="checkbox"/>	PCS		<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No

Picture 20 Creation of item packaging – Step 1

- In the **Item Unit Exist** column, click the **Yes** link:

GPAIS Item List | Work Date: 2023-08-03

Analyze Actions

Items

No. 1	Description	Subject Code	GPAIS Accounting Start Date	Item Unit is Mul... Non-Pac...	Base Unit of Measure	Item Category Code	Used in GPAIS	Item Unit	Item Unit Exists	Oil Product	Oil Product Exists	Vehicle	Vehicle Exists	Electronic Equipment	Electr... Equip... Exists	Battery	Battery Exists
1000	Bicycle	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes
1896-S	ATHENS Desk	GPAIS TEST		<input type="checkbox"/>	PCS	DESK	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1900-S	PARIS Guest Chair, black	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1906-S	ATHENS Mobile Pedestal	GPAIS TEST		<input type="checkbox"/>	PCS	TABLE	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1908-S	LONDON Swivel Chair, blue	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1920-S	ANTWERP Conference Table	GPAIS TEST		<input type="checkbox"/>	PCS	TABLE	<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1925-W	Conference Bundle 1-6	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1928-S	AMSTERDAM Lamp	GPAIS TEST		<input type="checkbox"/>	PCS	MISC	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1929-W	Conference Bundle 1-8	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1936-S	BERLIN Guest Chair, yellow	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
→ 1953-W	Guest Section 1	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/> 2	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1960-S	ROME Guest Chair, green	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1964-S	TOKYO Guest Chair, blue	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1965-W	Conference Bundle 2-8	GPAIS TEST		<input type="checkbox"/>	PCS		<Choose one>	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No

Picture 21 Creation of item packaging – Step 2

3. The GPAIS Products card window will open with an empty product card created:

GPAIS Product List | Work Date: 2023-08-03

Search Analyze + New Manage Process XML

Views: All

Subject Code: GPAIS TEST Product Type: All

Filter list by:

- Entry Flow
- Item Unit
- Source No.
- Source SubType
- Source Type
- Subject Code

GPAIS Code	Subject Code	Source Type	Source No. 1	Entry Flow	Description	Status	Item Unit	Classification Value	Weight, kg	Valid from Date	Del From
F2000040	GPAIS TEST	Item	1953-W	Item Unit	Guest Section 1	Open	Single Use		0	2023-08-01	

Picture 22 Creation of item packaging – Step 3

4. Click the GPAIS code link and the product card window will open, click the edit button:

GPAIS Product Card | Work Date: 2023-08-03

1953-W · F2000040 · Guest Section 1

Process

General

Subject Code: GPAIS TEST Unit of Measure Code: PCS

Source Type: Item Qty. per Unit of Measure: 1

Source No.: 1953-W Weighing Act No.:

Variant Code: Weighing Act Date:

GPAIS Code: F2000040 Valid from Date: 2023-08-01

Entry Flow: Item Unit Delivered From:

Material Description: Delivered Till:

Description: Guest Section 1 Item Unit Type: Single Use

Status: Open

GPAIS Product Materials

Package Sort	Code	Packing Material Variant	Packing Level	Packing Type	Packing Material Description	Weight, kg	Recycle	Is Multi-Use	Quantity in Package	Weight, kg (per Base Unit)	Deliver
(There is nothing to show in this view)											

Error Messages

Message Type 1 Description

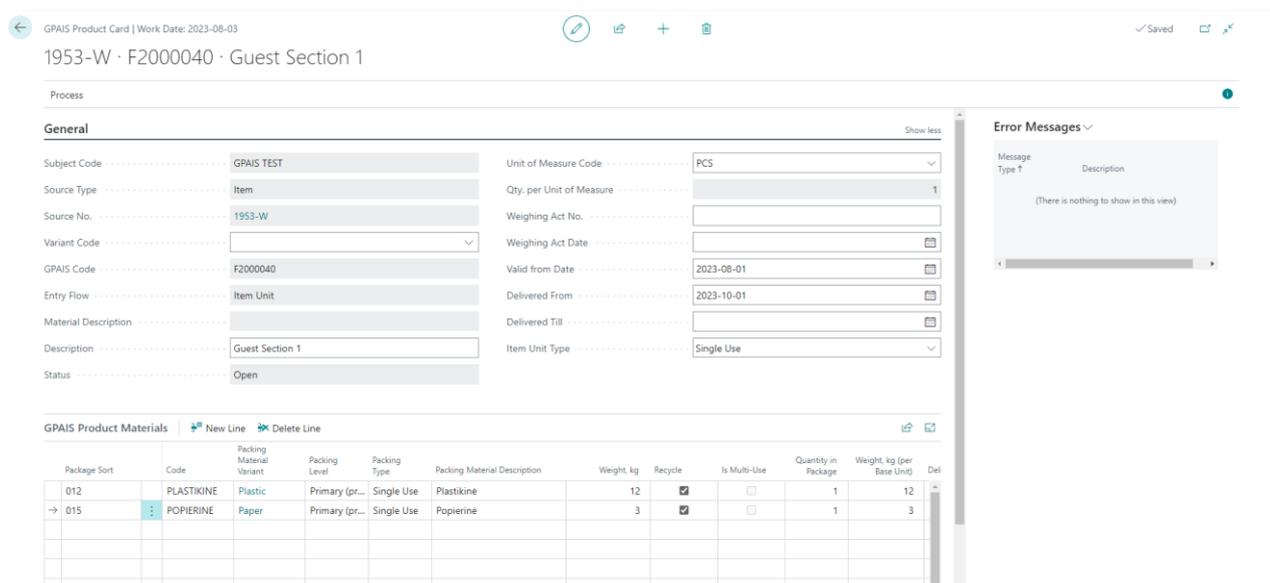
(There is nothing to show in this view)

Picture 23 Creation of item packaging – Step 4

5. GPAIS Product Card fill in the required fields:

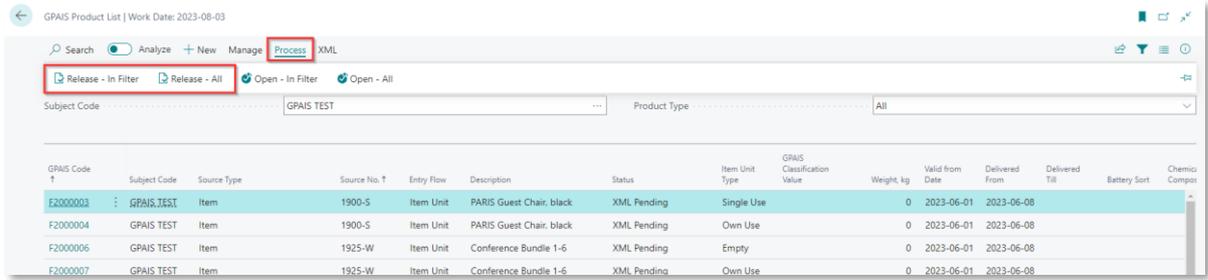
Field name	Description
Tab “General”	
Subject Code	Assigned automatically. Default GPAIS Subject.
Source Type	Assigned automatically. Possible values: Item or Template.
Source No.	Assigned automatically. Item or document number, if the type is template, then the field is empty.
Variant Code	If the product has variants, enter the variant of the item packaging.
GPAIS Code	Assigned automatically according to the series specified in the settings.
Entry Flow	Shows the stream of the selected product/package.
Material Description	Assigned automatically. After assigning material lines, incoming materials with weights come to the description.
Description	Specify the name of the package, by which it will be convenient to search for the required template in the document later.
Status	Shows the status of the package card.
Unit of Measure Code	By default, the base unit of measure is entered, but this can be changed.
Qty. per Unit of Measure	The ratio between the base and the above unit measure.
Weighing Act No.	Weighing document number, field is optional.
Weighing Act Date	The date of weighing act, field is optional.
Valid from Date	Indicate the date from which the template is valid. (if it is always valid – do not enter any date).
Delivered From	The field is optional. If you specify the Delivered From date, this template will only be displayed from the selected date. If you enter the Document on an earlier date, then you will not see this template in the selections.
Delivered Till	The field is optional. If you specify the Delivered Till date, this template will only be displayed until the selected date. If you enter the Document on a later date, then you will not see this template in the selections.
Item Unit Type	Select the type of Item Unit from the list, according to which only the selected type of packaging types will be filtered when selecting GPAIS product materials.
Tab “GPAIS Product Materials”	
Package Sort	Select the required package type from the GPAIS Classifier list.
Code	Assigned automatically after selecting the Package Sort.
Packing Material Variant	Assigned automatically after selecting the Package Sort.

Packing Level	Assigned automatically after selecting the Package Sort.
Packing Type	Assigned automatically after selecting the Package Sort.
Packing Material Description	After selecting the package type, the description is automatically retrieved from the GPAIS Classificator, but it can be changed.
Weight, kg	Enter the weight of the package in kilograms.
Quantity in Package	By default, the Quantity in Package multiplier is 1. If the Weight, g is less than 1 gram, then you need to multiply the Weight, g by the Quantity in Package and use a bigger multiplier.
Recycle	If the package is recyclable, set the value to TRUE .
Is Multi-Use	Filled automatically. Only used for templates.
Delivered From	The field is optional. If you specify a Delivered From date, then importing journal entries will assign product materials only to those that are valid.
Delivered Till	The field is optional. If you specify a Delivered Till date, then importing journal entries will assign product materials only to those that are valid.



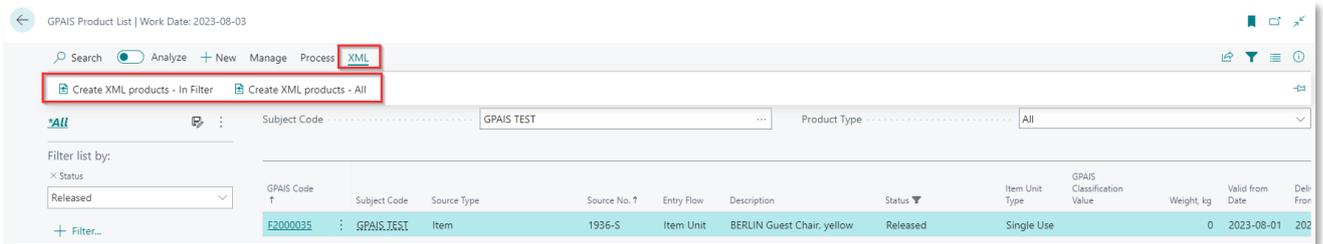
Picture 24 Created item Packaging

- When all mandatory fields of the product card are filled in, the card can be submitted and exported to GPAIS. It is possible to submit one product card at a time (in the GPAIS product card click on the menu **Process -> Release product**), as well as in the list of GPAIS products through the Process menu, there is an option to submit all product cards button (**Process -> Release - All**) or submit filtered entries button (**Process -> Release - in Filter**). Read more in the [GPAIS Product List](#) section.



Picture 25 GPAIS Product Card Release

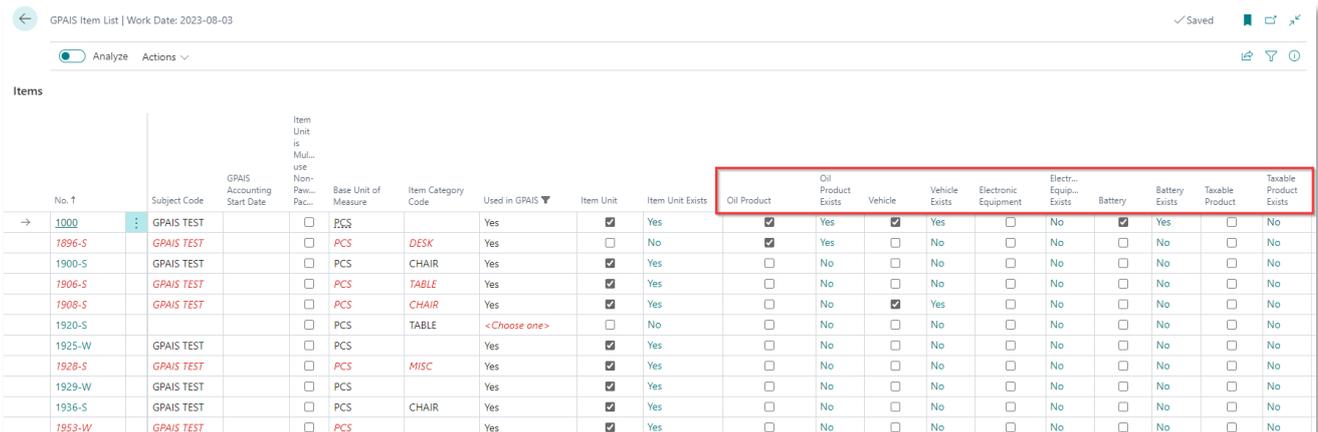
- Submitted GPAIS product cards can be exported to the GPAIS system. Apply the filter Status = Released, then press menu **XML -> Create XML Products – In Filter**. If data export is enabled via Web Services, the XML file will be exported automatically. If automatic sending is not enabled, then you need to go to the **GPAIS Transfer List** and download the XML (XML-> Download XML), which you later manually import into the GPAIS system. Read more in the [GPAIS Product List](#) section.



Picture 26 GPAIS export of products to the GPAIS system

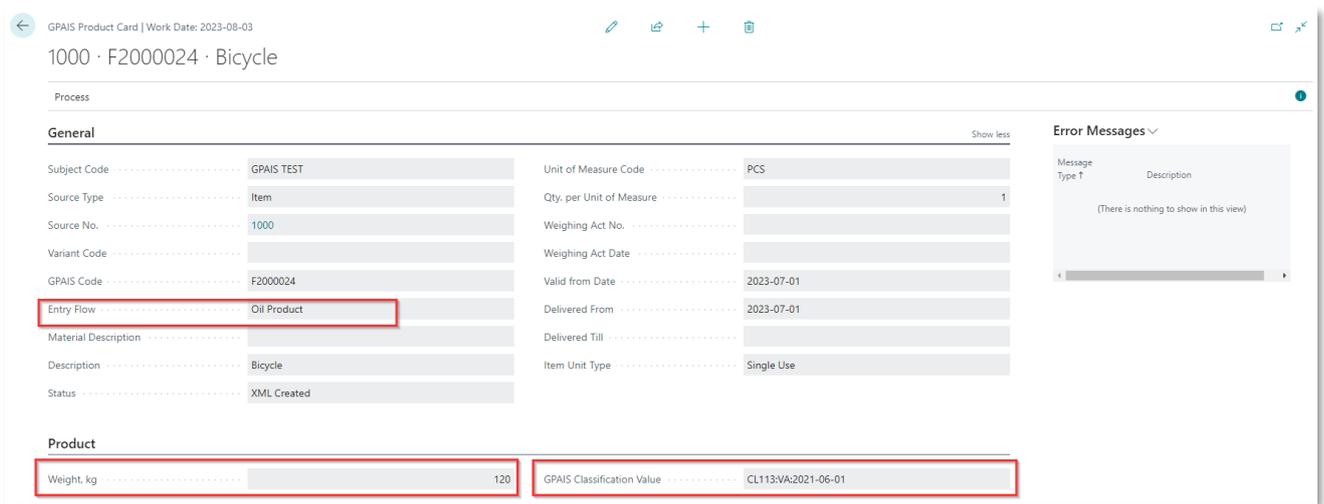
3.3. Creation of GPAIS other product streams

In the GPAIS Item List, other GPAIS product streams can be assigned analogously as an Item unit: Oil product, Vehicle, Electronic equipment, Battery, and Taxable product.



Picture 27 Creation of GPAIS other product streams

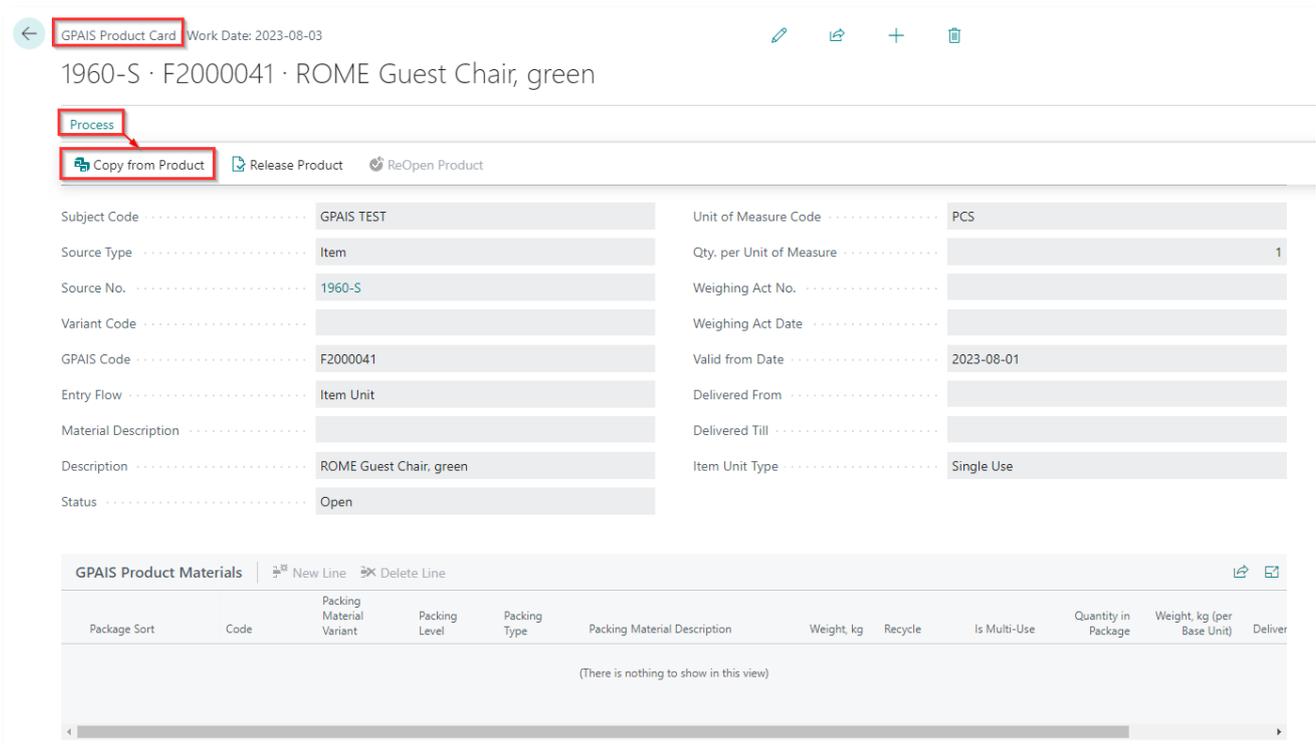
The GPAIS Item list records information about products/package streams for each item if the item has it. Information is maintained according to registered PAI product/package streams. Below is an example of creating an Oil product:



Picture 28 Oil Product Card

3.4. Creating packaging based on Templates or Other products.

When creating a new product card, the packaging information can be copied from a Template or a created product card. In the **GPAIS Product card** page, click the menu **Process** -> **Copy from Product**:



Picture 29 Creating packaging based on Templates or Other products

The **Copy from Product** window opens, where you select the GPAIS code of the product or template from which you will copy the information. Choose what information you want to copy: Include Header, Include Lines, or both:

Copy from Product

Use default values from Last used options and filters

General

GPAIS Code F2000003

Include Header

Include Lines

Lines

Delete Lines

OK Cancel

Picture 30 Copy from the Product option window

After filling in the necessary information, click **OK**.

3.5. Package Assignment in the Document

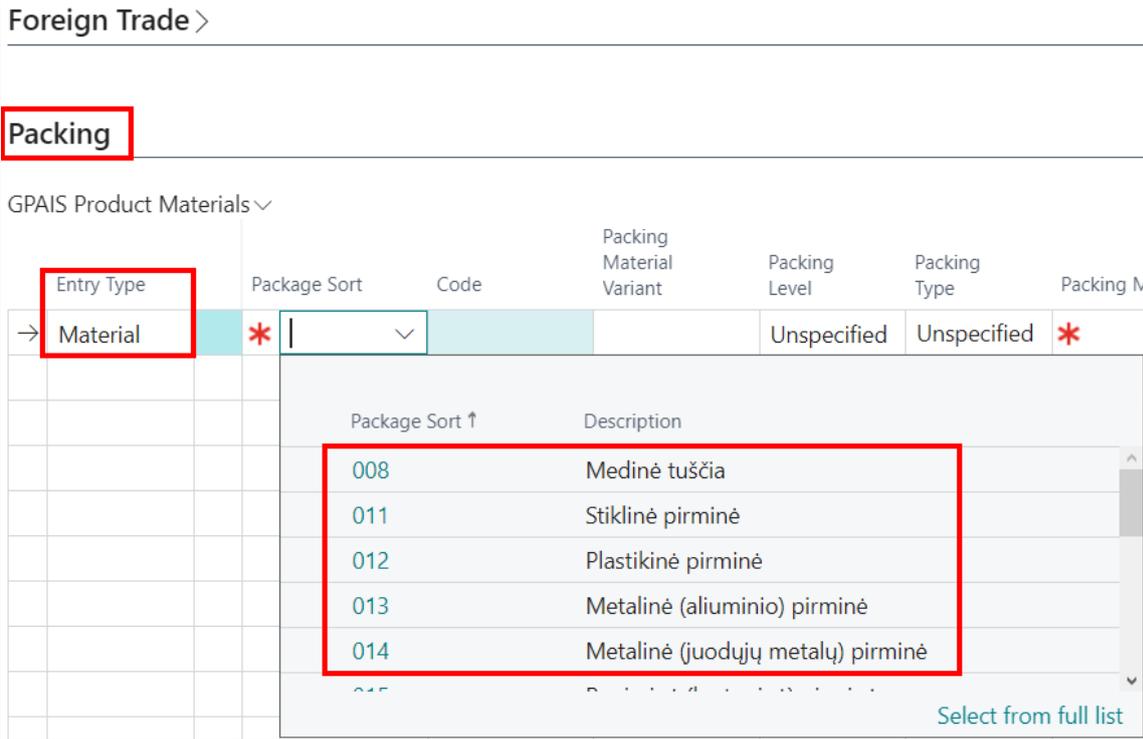
The assignment of product packaging in the documents takes place automatically according to the assigned settings. There is no need to assign anything additionally, unless the Document Package is missing, read how to assign the Document Package in the following section [GPAIS Document Package](#).

4. GPAIS Document Package

Primary, secondary/group, and tertiary/transport packaging can be accounted for separately at the document level, i.e. there is a possibility to specify the packaging for the entire document (sales/purchase document) in the Packaging section.

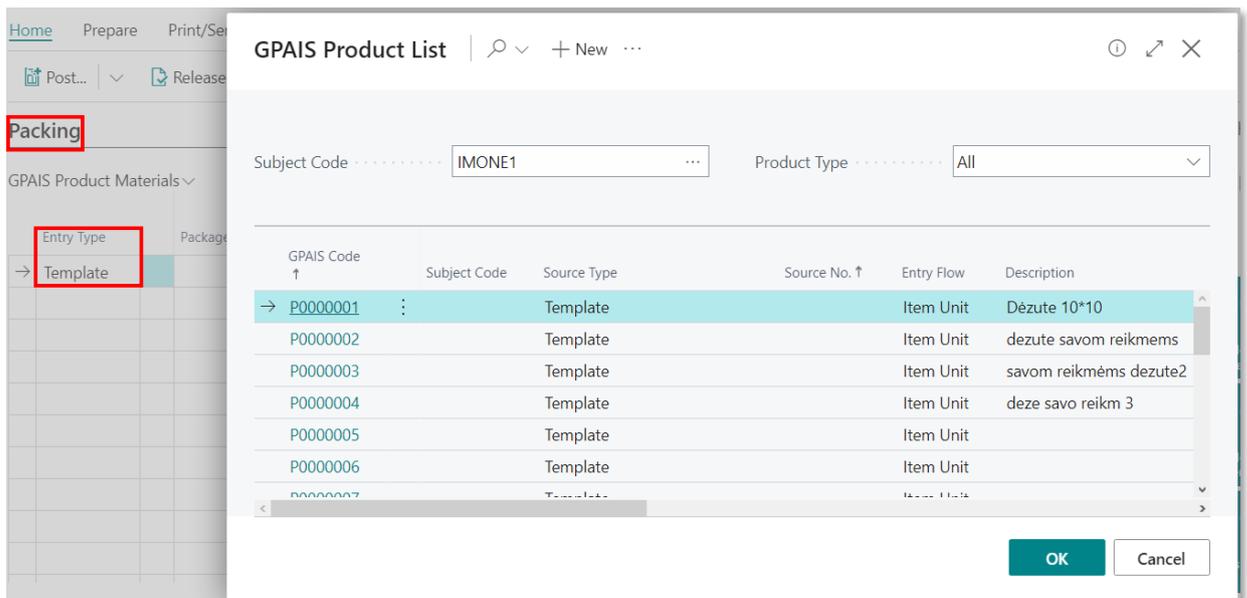
Document package/s can be specified in two ways, i.e. when package type:

- **Material** – manually select the type of packaging from the list of the GPAIS classifier and specify the total weight of the material.



Picture 31 Document Package – Material Assignment

- Template** – if items are often transported in the same packages, e.g. pallets, it is possible to create a packaging template for the pallet (read how to create a template in section 3.2.). In the **Packaging** section of the document, select the **Template** type and specify the packaging template in the **Code** column. The template specifies all incoming materials with their weights, and in the field Weight,g (grams)/Packaging Quantity enter the quantity of that package that was shipped. When generating the GPAIS product XML file, the material weight from the template will be multiplied by the amount from the document.



Picture 32 Document Package – Template Assignment

4.1. GPAIS Data Collection Setup - Documents

Importing **Oixio GPAIS for Lithuania** extension creates a standard **GPAIS Data Collection** setup. The Documents tab lists possible combinations by **Document Type** and **Document Origin**.

The **Document Origin** is selected according to the General Business Posting group field **GPAIS Post. Group Country of Origin**.

According to these settings, the Supply and Demand of GPAIS will be inserted into the GPAIS log. These default settings can be edited according to the need.

Document Type	Document Origin	Source Type	Source No.	Location Code	Gen. Bus. Posting Group	Item Unit Type	GPAIS Supply	GPAIS Demand
Sales Shipment	Domestic					Single Use	Produced	PV - Selling in LT
Sales Invoice	Domestic					Single Use	Produced	PV - Selling in LT
Sales Credit Memo	Domestic					Single Use	Recovered	SS - Own Use
Purchase Receipt	Domestic					Single Use	Imported	SS - Own Use
Purchase Invoice	Domestic					Single Use	Imported	SS - Own Use
Purchase Credit Memo	Domestic					Single Use	Produced	PV - Selling in LT
Purchase Return Shipment	Domestic					Single Use	Produced	PV - Selling in LT
Sales Return Receipt	Domestic					Single Use	Recovered	SS - Own Use
Sales Shipment	Foreign					Single Use	Produced	EV - Export from LT
Sales Invoice	Foreign					Single Use	Produced	EV - Export from LT
Sales Credit Memo	Foreign					Single Use	Imported	SS - Own Use

Picture 33 GPAIS Data Collection Setup - Documents

An example. According to the default settings in the “GPAIS Data Collection Setup - Documents” picture above:

- if you post a sales invoice (see the line where the document type is Sales Invoice), the document origin is Foreign, then the following values will go to the GPAIS Journal: GPAIS Supply – Produced, and GPAIS Demand – EV – Export from LT.
- If you post a purchase invoice (see the line where the document type is Purchase Invoice), the document origin is Foreign, then the following values will go to the GPAIS Journal: GPAIS Supply – Imported, and GPAIS Demand – SS – Own Use.

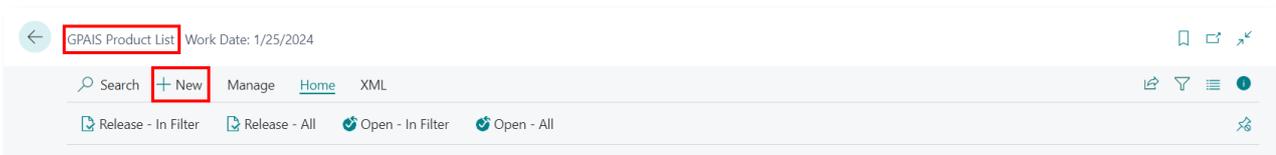
Attention: If the **GPAIS Supply** and **GPAIS Demand** fields are filled in, then the priority will be given to the template.

4.2. GPAIS Document Templates

For frequently used secondary/group or tertiary/transport packaging, where the materials and weights do not change we recommend creating templates for them that you can later use when managing the Document packaging.

For example, we have Euro pallets for which we create a template and specify incoming materials with weights for 1 pallet. Then, when the template is selected in the Document package section, you will only need to specify the number of pallets to be imported/exported, and the weights will fill in automatically from the template.

Creating the GPAIS template is done by selecting **GPAIS Product List** -> **New**



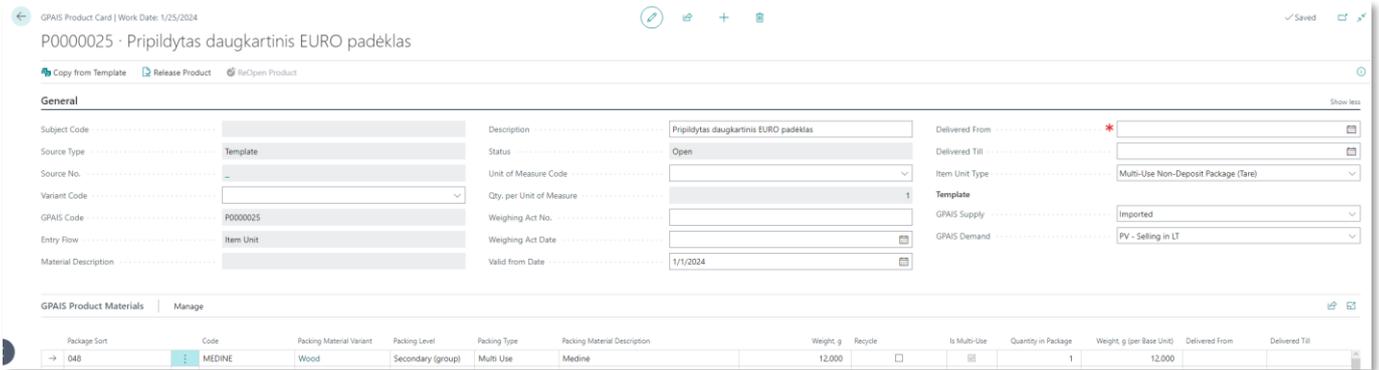
Picture 34 Creating a GPAIS Product Template

In the window that opens, fill in the following fields:

Field name	Value
General tab	
Description	Specify the name of the package, by which it will be convenient to search for the required template in the document later.
Unit of Measure Code	By default, the base unit of measure code is specified, but this can be changed.
Weighting Act No.	Specify Weighting Act No., the field is optional.
Weighting Act Date	Specify Weighting Act Date, the field is optional.
Valid from Date	Indicate the date from which the template is valid. (if it is always valid – do not enter any date)
Delivered From	The field is optional. If you specify the Delivered From date, this template will only be displayed from the selected date. If you enter the Document on an earlier date, then you will not see this template in the selections.
Delivered Till	The field is optional. If you specify the Delivered Till date, this template will only be displayed until the selected date. If you enter the Document on a later date, then you will not see this template in the selections.
Item Unit Type	Select the type of Item Unit from the list, according to which only the selected type of packaging types will be filtered when selecting GPAIS product materials.
GPAIS Supply	If the GPAIS Supply cannot be determined for the package according to the GPAIS Data Collection Setup , then the GPAIS Supply can be specified in this field, the options are: Imported, Produced, and Recovered.
GPAIS Demand	If the GPAIS Supply cannot be determined for the package according to the GPAIS Data Collection Setup , then the GPAIS Demand can be specified in this field.
GPAIS Product Materials tab	
Packing Sort	Select the required package type from the GPAIS Classificator list.
Packing Material Description	After selecting the package type, the description is automatically retrieved from the GPAIS Classificator, but it can be changed.
Weight, g/Packing Quantity	Enter the weight of the package in grams.
Quantity in Package	Specify Quantity in Package.
Recycle	If the package is recycled, set the value to TRUE .
Delivered From	The field is optional. If you specify a Delivered From date, then importing journal entries will assign product materials only to those that are valid.

Delivered Till	The field is optional. If you specify a Delivered Till date, then importing journal entries will assign product materials only to those that are valid.
----------------	---

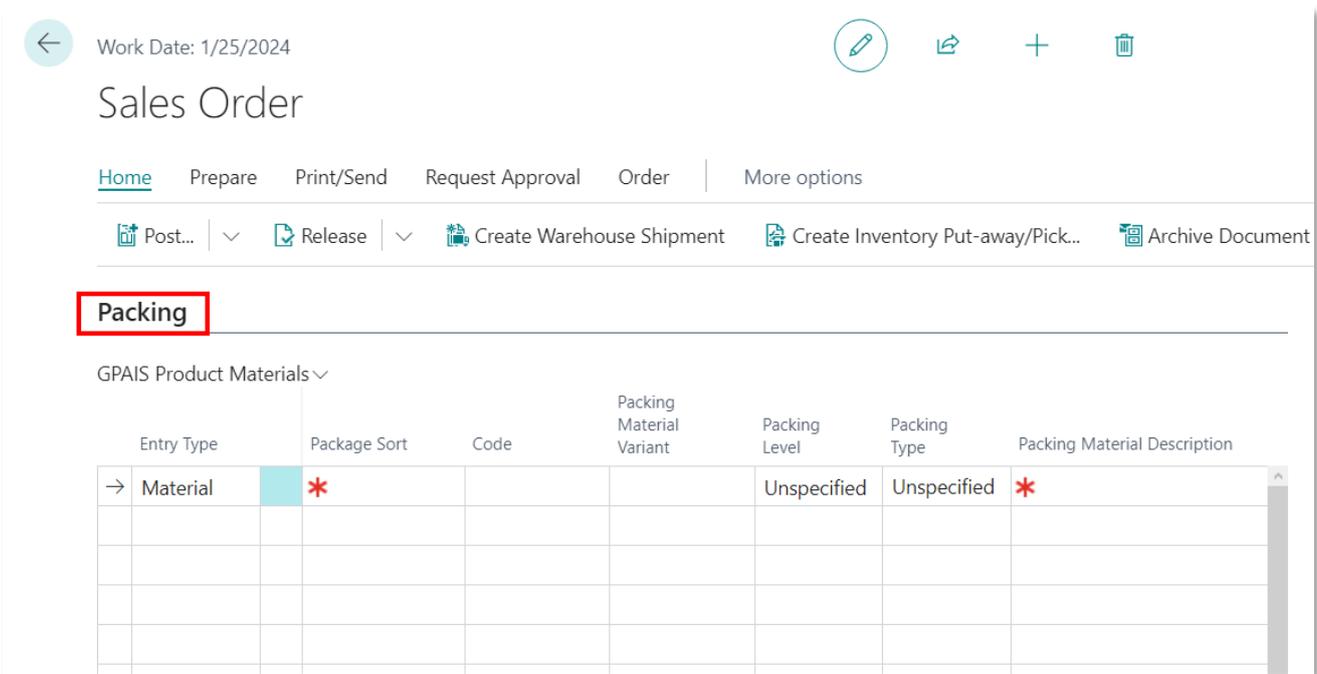
The picture below shows an example of a completed template, which can be assigned to the document package and as a result, it will create the GPAIS Item Unit with one material (048 Medinė antrinė (tretinė) daugkartinė). The weight of the Item Unit will be calculated: “Weight, g / Quantity in Package“. When creating the journal, the GPAIS Supply of the Item Unit of this document will be **Imported**, and the **GPAIS Demand** will be **PV – Selling in LT** (these values will be taken from the template if the fields – **GPAIS Supply** and **GPAIS Demand** are assigned. If not assigned, it will be specified according to the [GPAIS Data Collection Setup](#)).



Picture 35 GPAIS Product Template creation page

4.3. Assignment of the package to the Sales Document

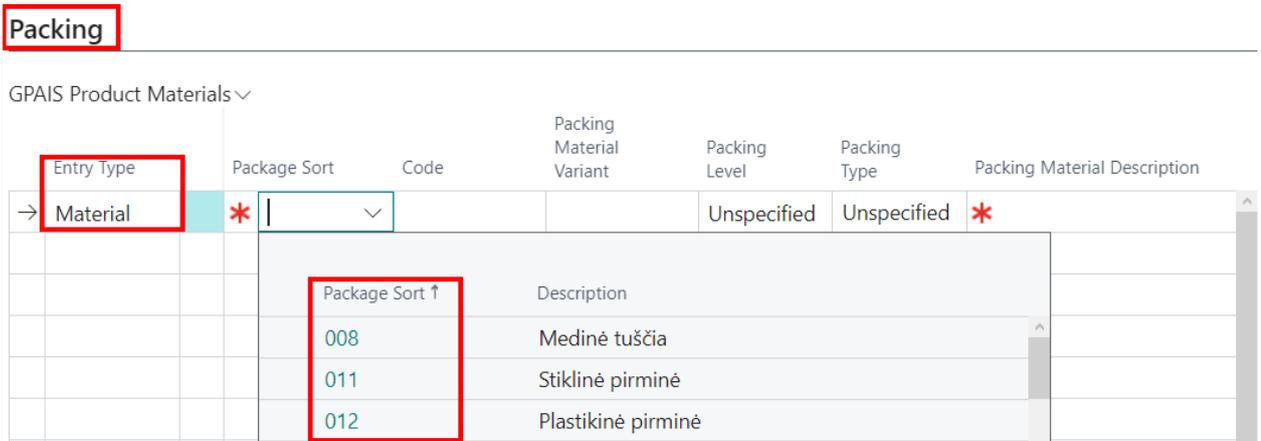
When selling items, it is necessary to specify the packaging in which the items are shipped. Assigning a package to a document when the package is released to the market is done in one of the following documents: Sales order, Sales Invoice, Sales Credit Memo, Posted Sales Invoice, Posted Sales Credit Memo. When adding data to not-posted documents, they are transferred to posted documents during registration, which can be edited later. The packaging of the document is specified in the **Packing** section:



Picture 36 Assignment of the package to the Sales document

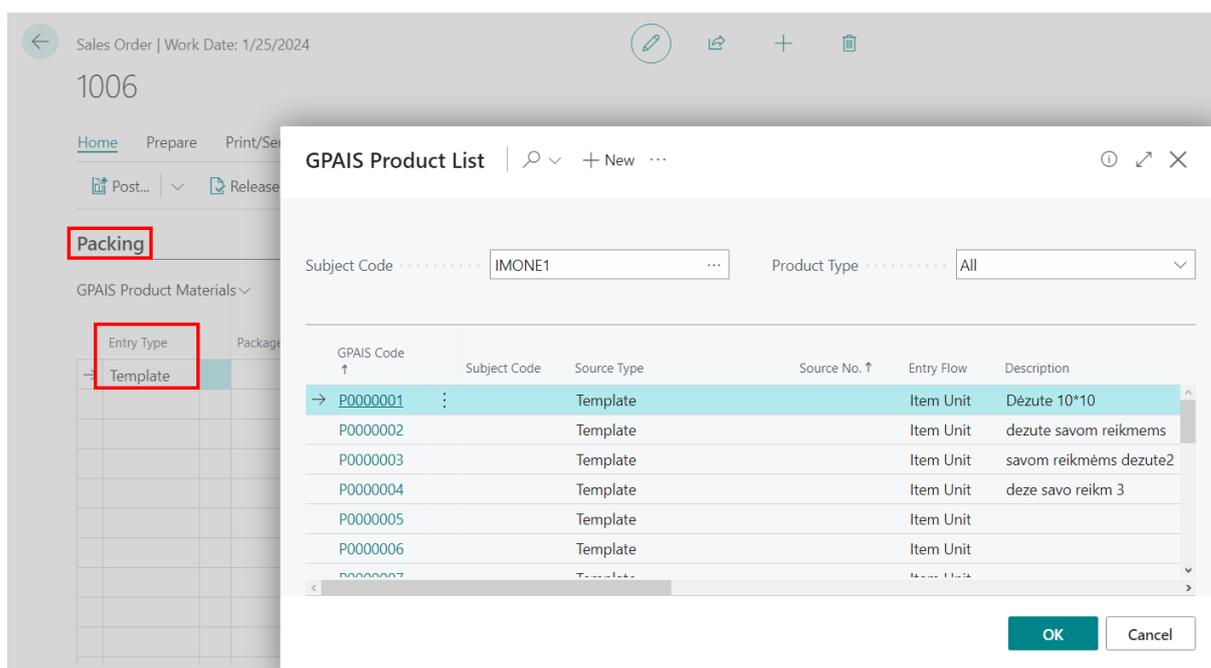
The package/s can be specified in two ways, i.e. when package type:

- **Material** – manually select the material Package Sort from the list of the GPAIS classifiers and indicate the total weight of that material.



Picture 37 Document package – assignment of the material

- **Template** – in the **Packing** section of the document, select the **Template** type, and in the **Code** column specify the required packaging template and the quantity of the selected packaging template.



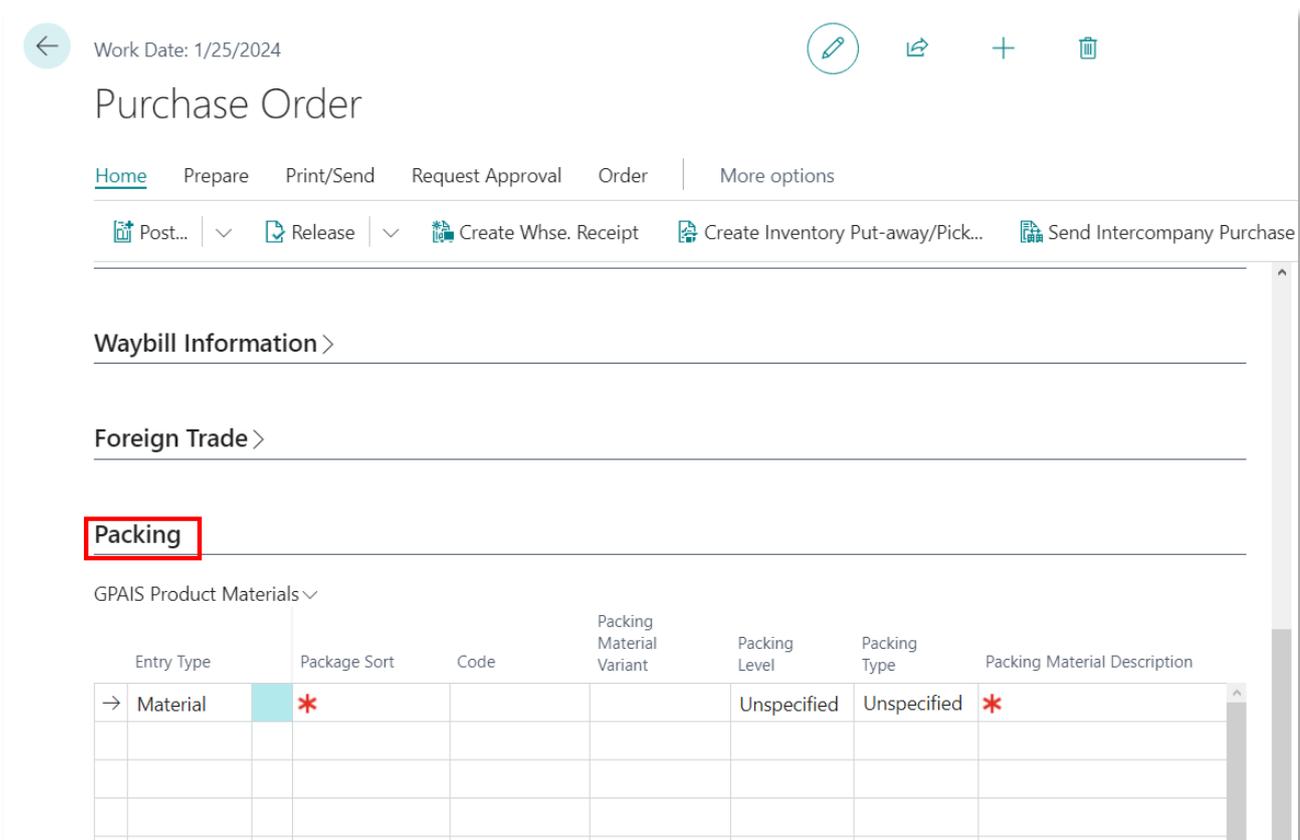
Picture 38 Document package – assignment of the template

4.4. Assignment of the package to the Purchase Document

Assigning a package to a document, when the package is used for its purposes is done in one of the following documents: Purchase order, Purchase Invoice, Purchase Credit Memo, Posted Purchase Invoice, Posted Purchase Receipt, or Posted Purchase Credit Memo. When adding data to not-posted documents, they are transferred to posted documents during registration, which can be edited later.

According to the standard GPAIS Data Collection Setup, the package added to the purchase document is automatically written off as **Use for its own purposes**.

The packaging of the document is specified in the **Packing** section:



Picture 39 Assignment of the package to the Purchase document

5. GPAIS Multi-Use Non-Deposit Package (Tare)

It is recommended that pallets (multi-use packages) should be accounted for in GPAIS as separate Item Units, without linking their accounting with other packages in the company. Recommended steps and sections are described below.

5.1. GPAIS Data Collection Setup – Tare Supply and Demand

Importing OIXIO GPAIS for Lithuania extension creates a standard **GPAIS Data Collection** setup.

5.1.1. GPAIS Data Collection Setup – Tare Supply

The **Tare Supply** tab lists possible combinations by **Initial Origin**, **Item Ledger Entry Type**, **Positive (indication)**, **Multi-Use Non-Deposit Package (Tare) Step**, and **Empty Multi-Use Non-Deposit Package (Tare) indication**. Possible values of **Tare Supply**: Imported, Produced, Recovered.

Initial Origin is selected according to the General Business Posting group field **GPAIS Post. Group Country of Origin**.

Item Ledger Entry Type is selected according to the operation types of the Item Ledger Entries. **Positive** (indication) specifies, if the operation is positive/negative. **Multi-Use Non-Deposit Package (Tare) Step** is selected from the possible values: First (Receive) – pallet is imported and Last (Unload) – pallet is returned. **Empty Multi-Use Non-Deposit Package (Tare) indication** specifies if the multi-use package is empty.

According to these settings, the **Supply of GPAIS** will be inserted into the **GPAIS journal**. These default settings can be edited according to the need.

Entry Flow	Item Ledger Entry Type	Initial Origin	Initial Entry Type	Initial Document Type	Initial Source Type	Initial Source No.	Initial Location Code	Initial Gen. Bus. Posting Group	Origin	Document Type	Positive	Multi-Use Non-Deposit Package (Tare) Step	Empty Multi-Use Non-Deposit Package (Tare)	Source Type	Source No.	Item No.	Location Code	Gen. Bus. Posting Group	Item Category Code	GPAIS Supply
→	Purchase				+				Foreign	+	<input checked="" type="checkbox"/>	First (Receive)	<input checked="" type="checkbox"/>							Imported
	Sale								Foreign		<input checked="" type="checkbox"/>	First (Receive)	<input checked="" type="checkbox"/>							Imported
									Domestic		<input type="checkbox"/>	First (Receive)	<input type="checkbox"/>							Produced
									Domestic		<input checked="" type="checkbox"/>	Last (Unload)	<input type="checkbox"/>							Recovered
									Foreign		<input type="checkbox"/>	First (Receive)	<input type="checkbox"/>							Produced
									Foreign		<input checked="" type="checkbox"/>	First (Receive)	<input type="checkbox"/>							Imported
									Foreign		<input checked="" type="checkbox"/>	Last (Unload)	<input type="checkbox"/>							Recovered
									Foreign		<input type="checkbox"/>	Last (Unload)	<input type="checkbox"/>							Recovered

Picture 40 GPAIS Data Collection Setup – Tare Supply

5.1.2. GPAIS Data Collection Setup – Tare Demand

The **Tare Demand** tab lists possible combinations by **Item Ledger Origin**, **Item Ledger Entry Type**, **Positive (indication)**, **Multi-Use Non-Deposit Package (Tare) Step**, and **Empty Multi-Use Non-Deposit Package (Tare) indication**. Possible values of **Tare Demand**: ET – Export from LT via a third party; EV – Export from LT; PV – Selling in LT; SS – Own Use.

Item Ledger Origin is selected according to the General Business Posting group field **GPAIS Post. Group Country of Origin**.

According to these settings, the **Demand of GPAIS** will be inserted into the GPAIS journal. These default settings can be edited according to the need.

Entry Flow	Item Ledger Entry Type	Item Ledger Origin	Document Type	Positive	Multi-Use Non-Deposit Package (Tare) Step	Empty Multi-Use Non-Deposit Package (Tare)	Source Type	Source No.	Item No.	Location Code	Gen. Bus. Posting Group	Item Category Code	GPAIS Demand
→	Purchase	Foreign	+	<input checked="" type="checkbox"/>	First (Receive)	<input checked="" type="checkbox"/>							PV - Selling in LT
	Sale	Foreign		<input checked="" type="checkbox"/>	First (Receive)	<input checked="" type="checkbox"/>							PV - Selling in LT
		Domestic		<input type="checkbox"/>	First (Receive)	<input type="checkbox"/>							PV - Selling in LT
		Domestic		<input checked="" type="checkbox"/>	Last (Unload)	<input type="checkbox"/>							PV - Selling in LT
		Foreign		<input type="checkbox"/>	First (Receive)	<input type="checkbox"/>							EV - Export from LT
		Foreign		<input checked="" type="checkbox"/>	First (Receive)	<input type="checkbox"/>							PV - Selling in LT

Picture 41 GPAIS Data Collection Setup – Tare Demand

5.2. Assignment of the Multi-Use Package for the Item

Multi-Use Package can be accounted for as a separate Item with its Item card in the system. The **GPAIS Item List** consists of all Items and Multi-Use Packages that are entered in the system as Items.

GPAIS Item List | Work Date: 3/20/2024

Analyze Actions

Items

No. ↑	Description	Subject Code	GPAIS Accounting Start Date	Item Unit is Multi-use Non-Paired Packing	Base Unit of Measure	Item Category Code	Used in GPAIS	Item Unit	Item Exists	Oil Prod...	Oil Product Exists	Vehi...	Vehicle Exists	Elect... Equip...	Electro... Equip... Exists	Batt...	Battery Exists
1000	Bicycle	GPAIS TEST		<input type="checkbox"/>	PCS		Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes
1001	Euro paletė (su prekėmis)	GPAIS TEST	1/1/2024	<input checked="" type="checkbox"/>	PCS	PAKRAUTA	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1002	Euro paletė (tuščia)	GPAIS TEST	1/1/2024	<input checked="" type="checkbox"/>	PCS	TUŠČIA	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1896-S	ATHENS Desk	GPAIS TEST		<input type="checkbox"/>	PCS	DESK	Yes	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No
1900-S	PARIS Guest Chair, black	GPAIS TEST		<input type="checkbox"/>	PCS	CHAIR	Yes	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No	<input type="checkbox"/>	No

Picture 42 Multi-Use Packages as Items

Two types of pallets should be described in the **GPAIS Item List**:

- Pallet loaded with Items which called, for example, “Loaded Multi-Use Pallet”. The pallet should have two GPAIS Product cards where one is filled with items and the other is empty. Whether the pallet is loaded or empty is indicated by the type of Item Unit:

GPAIS Product List | Work Date: 3/20/2024

Search Analyze + New Manage Process XML

Subject Code: GPAIS TEST Product Type: All

GPAIS Code ↑	Subject Code ▼	Source Type	Source No. ↑ ▼	Entry Flow ▼	Description	Status	Item Unit Type
F2000045	GPAIS.TEST	Item	1001	Item Unit	Euro paletė 048	XML Created	Multi-Use Non-Deposit Package (Tare)
F2000046	GPAIS TEST	Item	1001	Item Unit	Euro paletė 008	XML Created	Empty Multi-Use Non-Deposit Package (Tare)

Picture 43 GPAIS Products of Loaded Multi-Use Package

- Empty pallets which are called, for example, “Empty Multi-Use Pallet”. The pallet would have one GPAIS Product with Item Unit Type – **Empty Multi-Use Non-Deposit Package (Tare)**:

GPAIS Product List | Work Date: 3/20/2024

Search Analyze + New Manage Process XML

Subject Code: GPAIS TEST Product Type: All

GPAIS Code ↑	Subject Code ▼	Source Type	Source No. ↑ ▼	Entry Flow ▼	Description	Status	Item Unit Type
F2000047	GPAIS.TEST	Item	1002	Item Unit	Euro paletė (tuščia)	XML Created	Empty Multi-Use Non-Deposit Package (Tare)

Picture 44 GPAIS Products of Empty Multi-Use Package

After posting purchases, sales, and other operations the entries are posted to the **GPAIS Journal** according to the **GPAIS Data Collection Setup** sections – **Tare Supply** and **Tare Demand**.

For example, we have a purchase invoice that includes a Euro Pallet, which is a multi-use non-deposit package entered as a separate item.

Type	No.	Item Reference No.	Description	Quantity	Unit of Measure Code	Direct Unit Cost Excl. VAT
→ Item	:	1001	Euro paletė	100	PCS	10.00

1001	Euro paletė (su prekėmis)	97
0.00		PCS

Picture 45 Loaded pallet in the purchase invoice lines

According to the procedure established by GPAIS and the **GPAIS Data Collection Setup**, two entries have to be created for a loaded pallet where the **Initial Origin** of one entry is **Imported** and the other is **Recovered**, but the second entry is for an empty pallet with code 008.

Item/Packa... Flow	Item No.	GPAIS Code	Description	GPAIS Date	Item Ledger Quantity	Item Application Quantity	GPAIS Quantity	GPAIS Unit per Unit Code	GPAIS Quantity to send	GPAIS Supply	GPAIS Demand	Entry Origin	Item Ledger Entry No.	Item Ledger Country of Origin	Initial Entry Source No.	Item Ledger Posting Date	Item Ledg... Posi...	Item Ledger Gen.Bus.Post...
Item Unit	1001	F2000045	Euro paletė 048	1/17/2024	100	100	100.00	1 PCS	100	Imported	PV - Selling	Foreign	710	Foreign	30000	1/17/2024		EU
Item Unit	1001	F2000045	Euro paletė 048	1/17/2024	100	100	100.00	1 PCS	100			Foreign	710	Foreign	30000	1/17/2024		EU
Item Unit	1001	F2000046	Euro paletė 008	1/17/2024	100	100	100.00	1 PCS	100			Foreign	710	Foreign	30000	1/17/2024		EU
Item Unit	1001	F2000046	Euro paletė 008	1/17/2024	100	100	100.00	1 PCS	100	Recovered	PV - Selling	Foreign	710	Foreign	30000	1/17/2024		EU

Picture 46 GPAIS Journal Entries, when the multi-use package is assigned

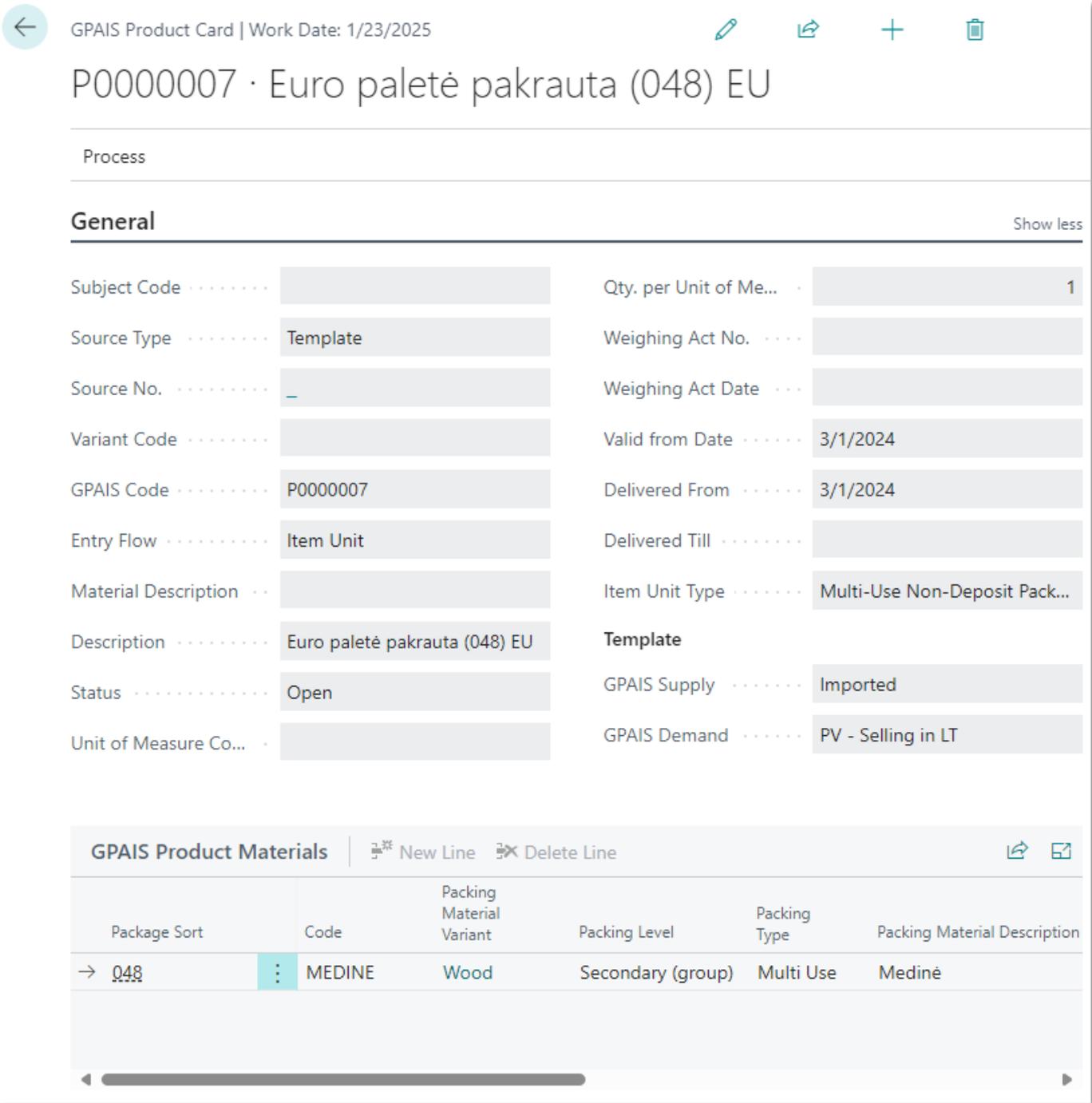
5.3. Assignment of the Multi-Use Package using Templates

The supply and demand of multi-use packages can be defined by setting different options at the settings level, but there are no settings for multi-use package templates and they need to be created manually and for all options that are possible in the company's activities.

When creating a new product card, choose the source type – **Template**, and specify the description in such a way that it is clear which product to use in one or another case.

You also need to indicate which type of Item unit will be used, i.e. **Multi-Use Non-Deposit Package (Tare)** or **Empty Multi-Use Non-Deposit Package (Tare)**. Finally, the Supply and Demand of GPAIS must be selected.

In the **GPAIS Product Materials** section choose which materials are included in the product.



Picture 47 Creation of Multi-Use Package Template

5.4. Assignment of the Multi-Use Package Template in the Document

Assigning the Multi-Use Package Template in the document is done in the same way as assigning the Item package in the document.

In the **GPAIS Product Materials** section of a specific document, packages are listed. When assigning the template, choose the Entry Type – **Template** and then select which template will be used. After that, specify the quantity.

GPAIS Product Materials							
Entry Type	Package Sort	Code	Packing Material Variant	Packing Level	Packing Type	Packing Material Description	Weight, kg / Packing Quantity
→ Template	:	P0000007		Unspecified	Multi Use	Euro paletė pakrauta (048) EU	2

Picture 48 Selecting a multi-use package template in the document

After expanding the code field, a list of **GPAIS Products** opens with all templates, so by the type of the **Item Unit** we can filter out only Multi-Use Packages.

GPAIS Product List Work Date: 1/23/2025										
Search Analyze + New Manage Process XML										
Subject Code		GPAIS TEST LAUR		Product Type		Template				
GPAIS Code ↑	Subject Code	Source Type	Source No. ↑	Entry Flow	Description	Status	Item Unit Type	GPAIS Classification Value	Weight, kg	Valid from Date
P0000005	:	Template	-	Item Unit	Euro paletė	Open	Single Use		0	3/1/2024
P0000007	:	Template	-	Item Unit	Euro paletė pakrauta (048) EU	Open	Multi-Use Non-Deposit Package (Tare)		0	3/1/2024
P0000008	:	Template	-	Item Unit	Euro paletė tuščia susigrąžinta (008) EU	Open	Empty Multi-Use Non-Deposit Package (Tare)		0	3/1/2024
P0000009	:	Template	-	Item Unit	Euro paletė pakrauta (048) PARD EU	Open	Multi-Use Non-Deposit Package (Tare)		0	3/1/2024
P0000010	:	Template	-	Item Unit	Euro paletė pakrauta (048) PARD LT	Open	Multi-Use Non-Deposit Package (Tare)		0	3/1/2024
P0000011	:	Template	-	Item Unit	Euro paletė tuščia (008) PARD EU	Open	Empty Multi-Use Non-Deposit Package (Tare)		0	3/1/2024
P0000012	:	Template	-	Item Unit	Euro paletė tuščia (008) PARD LT	Open	Empty Multi-Use Non-Deposit Package (Tare)		0	3/1/2024
P0000013	:	Template	-	Item Unit	Euro paletė tuščia (008) EU	Open	Empty Multi-Use Non-Deposit Package (Tare)		0	3/1/2024

Picture 49 GPAIS Product List with multi-use package templates

6. Product Package Creation from BOM

The OIXIO GPAIS products provide an opportunity to automatically create product packages from the product’s BOM using the combined materials of components (raw materials).

6.1. GPAIS Package Creation from BOM Setup

The automatic creation of product packages is done in 3 ways:

- During the certification of Production BOM
- After filling in the BOM Component Materials and closing the GPAIS BOM Component Materials table
- After manually running the report – “Create GPAIS Product from BOM“

6.1.1. GPAIS BOM Creation Setup

After one of the three methods described above, the product packages are created according to the GPAIS BOM Creation Setup.

GPAIS BOM Creation Setup Work Date: 1/23/2025							
Saved							
+ New Edit List Delete							
Item No.	Inventory Posting Group	Create Item Packing From BOM Components	Include Production BOM Type lines for Auto Item Pack	Include Item BOM for Auto Item Pack	Additionally create Own Use Package	Additionally create Empty Package	
→	FINISHED	Yes	Yes	Yes		No	

Picture 50 GPAIS BOM Creation Setup

Fields in the GPAIS BOM Creation Setup:

- **Item No.** - specifies the value of the Item No. field.
- **Item Category** - specifies the value of the Item Category field.
- **Inventory Posting Group** - specifies the value of the Inventory Posting Group field for which packages will be automatically created.
- **Create Item Packing from BOM Components** - specifies whether to create packing for the product based on the materials of its BOM Components.
- **Include Production BOM Type lines for Automatic Item Packing Creation** - specifies whether Production BOM Lines with Type **Production BOM** should be included in automatic packing creation.
- **Include Item Type lines for Automatic Item Packing Creation** - specifies whether Production BOM Lines with Type **Item** should include their Production BOM in automatic packing creation.
- **Additionally create “Own Use” type Package** - specifies whether an additional “Own Use” type package should be created.
- **Additionally create “Empty” type Package** - specifies whether an additional “Empty” type package should be created.

6.2. Entering GPAIS BOM Component Materials

The packaging materials of each component (raw material) must be specified in the GPAIS BOM Component Materials table, which can be found on the item card or item list - **Related** -> **GPAIS** -> **GPAIS BOM Component Materials**.

Vari... Code	Material Code	Unit of Measu... Code	Packing Level	Is Recycleable	Is Multi-Use	Weight, g	Quantity in Package	Delivered From	Delivered Till
→	PLASTIKINE	L	Primary (pro...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	120	1	9/5/2024	
	METALINE ...	L	Secondary (...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	15	1	9/5/2024	
	METALINE ...	L	Primary (pro...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	70	1	9/5/2024	
	MEDINE	PCS	Primary (pro...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	600	1		
	MEDINE	L	Secondary (...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4,000	1		

Picture 51 Entering GPAIS BOM Component Materials

The GPAIS BOM Component Materials table must contain information on the component packaging materials that are used.

After adding new/editing or deleting existing component materials and closing the table, new packages will be created for the products that include the latter component. Therefore, until all components are described, we do not recommend enabling the functionality of automatic product packaging from BOM creation, as it will create a lot of unnecessary packages.

6.3. GPAIS Setup (additional fields)

Additional fields related to automatically creating product packages from BOM have been added to the GPAIS Setup and placed in the **BOM package** tab.

Defaults

Default Valid From D... ·	<input type="text" value="First Day of Current Month"/>	Fill Packing Material ... ·	<input type="checkbox"/>
Default Delivered Fro... ·	<input type="text" value="First Negative Entry First Day o..."/>	BOM Default "Include Prod... · <input type="text"/> Default "Include Item... · <input type="text"/>	
Default Is Recycle ·	<input type="checkbox"/>		
Default Quantity in P... ·	<input type="text" value="1"/>		

BOM Package

Automatically create ... ·	<input type="checkbox"/>	Show Prod. BOM Pac... ·	<input type="checkbox"/>
Additionally create O... ·	<input type="checkbox"/>	Propagate Productio... ·	<input type="checkbox"/>
Additionally create E... ·	<input type="checkbox"/>		

Picture 52 GPAIS Setup with additional fields related to the automatic creation of product packages from BOM

1 – there is an option to set default values that will be assigned by default when a new line is inserted in the **GPAIS BOM Creation Setup**.

2 – BOM Package tab that contains settings related to this functionality:

- **Automatically create Package from BOM on Certification** - specifies whether to automatically create Package for BOM on Certification and when changing Item BOM Materials. It is only recommended that this is enabled after all Item Component materials are entered.
- **Additionally create “Own Use” type Package** - specifies whether an additional “Own Use” type package should be created.
- **Additionally create “Empty” type Package** - specifies whether an additional “Empty” type package should be created.
- **Show Prod. BOM Pack. Scrap % in Production BOM Lines** - specifies whether the field “Show Prod. BOM Pack. Scrap %” should be shown in Production BOM Lines. This field may be used, when the standard "Scrap %" is not suitable, and the final "Quantity Per" is used with scrap already accounted for.
- **Propagate Production BOM Qty. Per** - specifies whether "Quantity Per" is propagated to lower BOM levels when calculating Material weight.

6.4. The process of automatic product packaging creation from BOM

In the Production BOM card, it is possible to directly access the packages of the manufactured product by clicking **Related -> GPAIS Products**.

If we want to enter the packaging materials for a specific component directly from the Production BOM, we need to select a specific line and press **Component -> GPAIS BOM Component Materials**.

It is possible to specify semi-finished products in the lines of the Production BOM both with the **Item** type and with the **Production BOM** type but for the packaging materials of the semi-finished components to be included in the packaging of the final product, you need to set the setting in the GPAIS BOM Creation Setup (**Include Production BOM Type lines for Automatic Item Packaging Creation** and **Include Item Type lines for Automatic Item Packaging Creation**).

Production BOM | Work Date: 1/23/2025

P00010 · Šokoladiniai ledai

Copy BOM... Matrix per Version Comments Versions Where-used Related Fewer options

General GPAIS Products Show more

No. P00010 Version Nos. Active Version Last Date Modified 10/25/2024

Description Šokoladiniai ledai

Unit of Measure Code L Status Certified

Lines Manage Component

Comments Where-Used GPAIS BOM Component Materials

Type	No.	Description	Quantity per	Unit of Measure Code	Scrap %	Package Scrap %	Routing Link Code
Item	70063	Pienas 2% riebumo	0.5	L	0	0.00	
Item	70064	Šokolado gabaliukai	0.2	KG	0	0.00	
Item	70065	Grietinė	0.5	L	0	0.00	
Item	70066	Šokolado masė	1	L	0	0.00	
Item	70067	Stevia saldiklis	0.3	KG	0	0.00	
Production ...	P00020	Šokoladinis kremas (1 lygis)	1	L	0	0.00	

Picture 53 Production BOM card

After specifying the packaging materials of each component according to the “Quantity per” field value and the quantity of each material of that component, the packaging of the final product is calculated (Quantity per * quantity of specific material of the component). Finally, when the product packaging is created, we can see from which product (component) the packaging materials were collected.

← GPAIS Product Card | Work Date: 1/23/2025

70062 · P0000093 · Šokoladiniai ledai

Copy from Product Release Product ReOpen Product

General Show less

Subject Code	GPAIS TEST LAUR	Unit of Measure Code	PCS
Source Type	Item	Qty. per Unit of Measure	1
Source No.	70062	Weighing Act No.	
Variant Code		Weighing Act Date	
GPAIS Code	P0000093	Valid from Date	8/26/2024
Entry Flow	Item Unit	Delivered From	
Material Description		Delivered Till	
Description	Šokoladiniai ledai	Item Unit Type	Single Use
Status	Open		

GPAIS Product Materials New Line Delete Line

Package Sort	Created From Item Name	Code	Packing Material Variant	Packing Level	Packing Type	Packing Material Description
→ 012	Pienas 2% riebumo	PLASTIKINE	Plastic	Primary (product)	Single Use	Plastikinė - Pienas 2%
023	Pienas 2% riebumo	METALINE (ALIUMI...	Metal (Alumi...	Secondary (group)	Single Use	Metalinė (aliuminė) - F
013	Pienas 2% riebumo	METALINE (ALIUMI...	Metal (Alumi...	Primary (product)	Single Use	Metalinė (aliuminė) - F
018	Pienas 2% riebumo	MEDINE	Wood	Primary (product)	Single Use	Medinė - Pienas 2% ri
028	Pienas 2% riebumo	MEDINE	Wood	Secondary (group)	Single Use	Medinė - Pienas 2% ri
018	Šokolado gabaliukai	MEDINE	Wood	Primary (product)	Single Use	Medinė - Šokolado ga

Picture 54 Automatically created packaging of the product

7. GPAIS Product List

The **GPAIS Product List** displays a list of all products/item units/templates, where you can confirm (Release) the correctness of the entry and create an XML file of the products and items.

← GPAIS Product List | Work Date: 1/25/2024

Search + New Manage Home XML

Release - In Filter Release - All Open - In Filter Open - All

Subject Code: IMONE1 Product Type: All

GPAIS Code	Subject Code	Source Type	Source No.	Entry Flow	Description	Status
1004_T	IMONE1	Sales Header	1004	Item Unit	1004 Empty	Op
103004_D_I...	IMONE1	Sales Header	103004	Item Unit	103004 Multi Use	Op
103004_V	IMONE1	Sales Header	103004	Item Unit	103004 Single Use	Op
P0000001		Template		Item Unit	Dėzute 10*10	Op
P0000002		Template		Item Unit	dezute savom reikmems	Op
P0000003		Template		Item Unit	savom reikmėms dezute2	Op
P0000004		Template		Item Unit	deze savo reikm 3	Op

Details Attachments (0)

GPAIS Product Materials

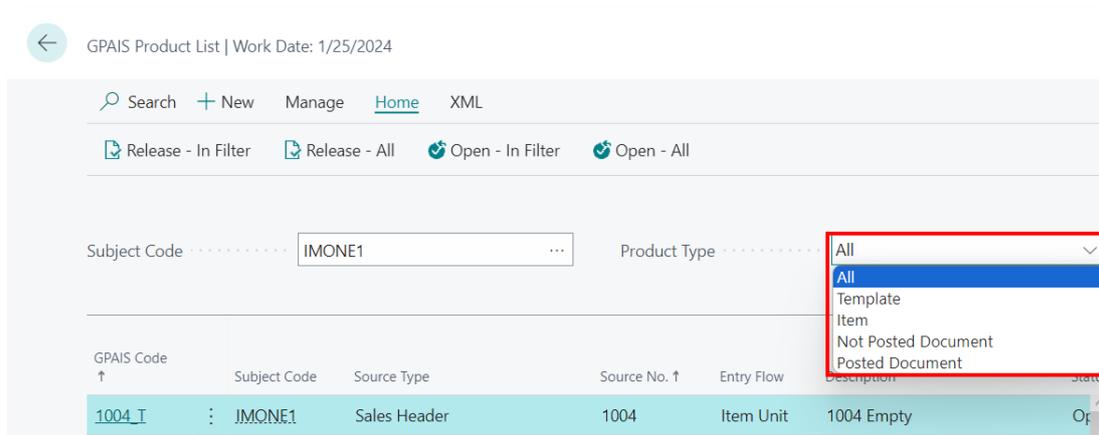
Packing Material Variant	Packing Level	Weight
Wood	Unspecified	

Error Messages

Message	Description
---------	-------------

Picture 55 GPAIS Product List

GPAIS products can be filtered by Product Type: **Template**, **Item**, **Not Posted Document**, or **Posted Document**.



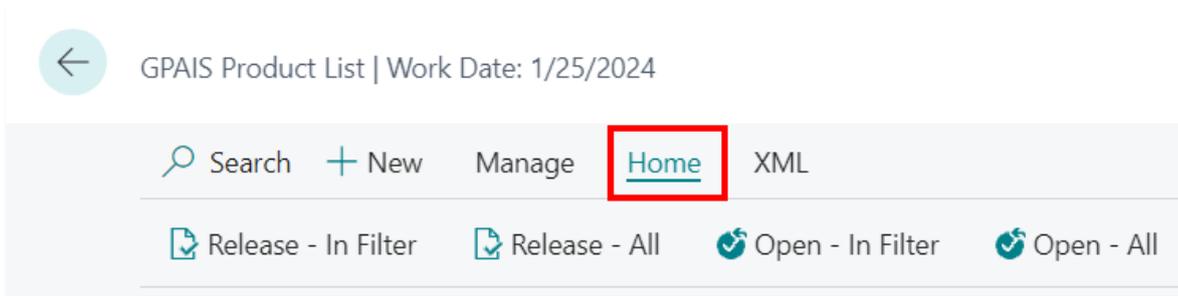
Picture 56 GPAIS Product Types

Fields in the GPAIS Product List:

Field name	Value
GPAIS Code	Product/ Item Unit Code from the number series specified in settings.
Source Type	Indicates where the GPAIS Product card was created from.
Source No.	Link to specific Source No. from which the Product card was created. If the Source Type is Template, it will not have a Source No.
Entry Flow	The indication of the flow of Products/Packages: Oil Product, Vehicle, Electronic Equipment, Battery, Taxable Product, Item Unit.
Description	Description of GPAIS Item Unit. The Item Unit name field is exported to the GPAIS system.
Status	There are three status values: Open, Released, and XML Created. New entries have a status of Open . A verified product card must be submitted via the function, then it will have a status of Released . If an XML file is created, you will see the status of XML Created .
Item Unit Type	Item Unit Types: Single Use, Multi-Use Non-Deposit Package (Tare), Empty Multi-Use Non-Deposit Package (Tare), Own Use, Empty. This Item Unit Type is linked to the GPAIS classifier package type, so when the Item Unit Type is selected in a document or template, the materials from the GPAIS classifier list are then filtered according to the selected type.
Valid from Date	The date from which this GPAIS product is valid.
Delivered From	The date from which the first negative entry was made, i.e. when this GPAIS product was first time sold.
Delivered Till	The date until which this GPAIS product was supplied to the market.

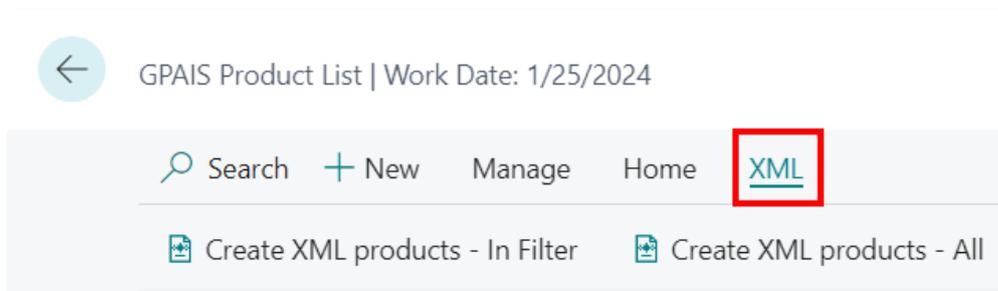
7.1. GPAIS Products Status Management and XML File Formation

To release/open the GPAIS product card, select the Home button in the menu section:



Picture 57 “Status“ management of GPAIS products – Release/Open

To generate an XML file, the status of the GPAIS product must be **Released**. An XML file can be created by selecting XML in the menu section:



Picture 58 “Status“ management of GPAIS products – Formation of XML file

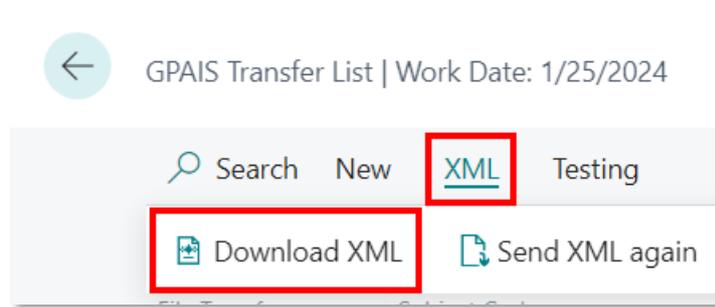
Field name	Value
The home button in the menu section	
Release – In Filter	Changes the status of the active entry to Released .
Release – All	Changes the status of all filtered and displayed entries to Released .
Open – In Filter	Changes the status of the active entry to Open .
Open - All	Changes the status of all filtered and displayed entries to Open .
The XML button in the menu section	
Create XML products – In Filter.	Forms an XML file of the list of products and item units for all the filtered and displayed entries.
Create XML products - All.	Forms an XML file of the list of products and item units for all entries.

Attention! All errors found are corrected in the source documents, not in the GPAIS product card (from the GPAIS product card you can access the source document through the “Source No.“ field).

7.2. GPAIS products – Transfer List

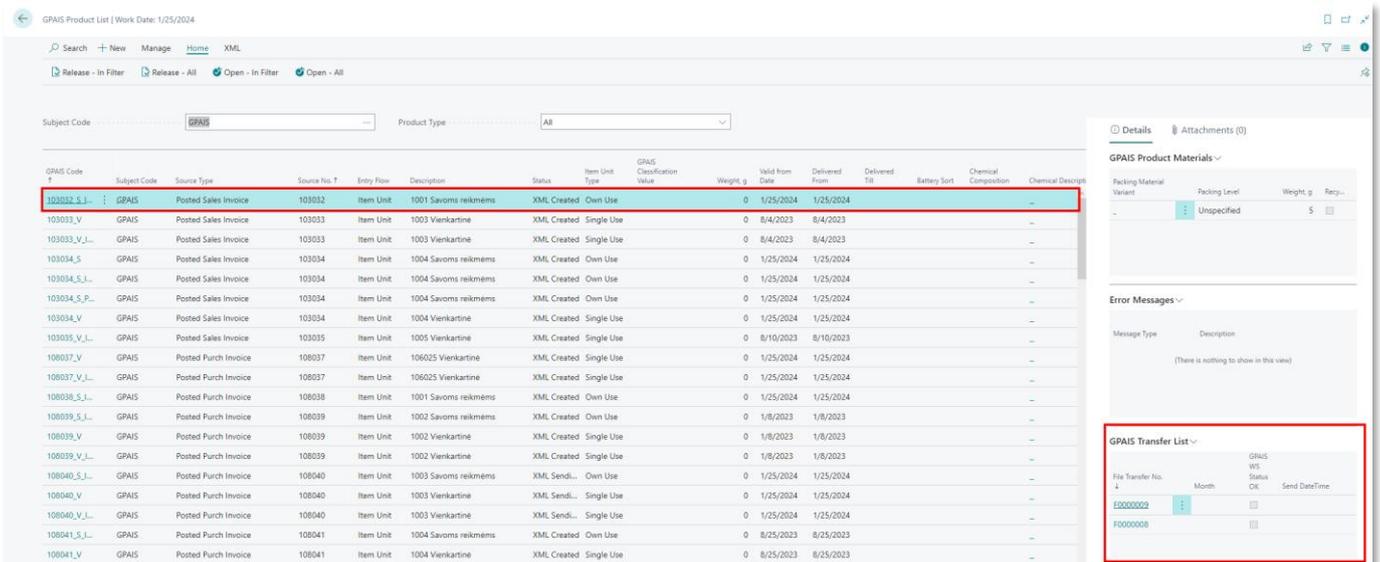
Generated GPAIS product XML files are stored on the GPAIS Transfer List page, where file types are **Products**.

If the automatic sending of XML files is not enabled, the XML file can be downloaded: **GPAIS Transfer List -> XML -> Download XML:**



Picture 59 XML file download function

After selecting a specific product row, in the **GPAIS Product List** page, you will see the list of the related XML files for that product in the **GPAIS Transfer List** Factbox:



Picture 60 GPAIS products – Transfer List

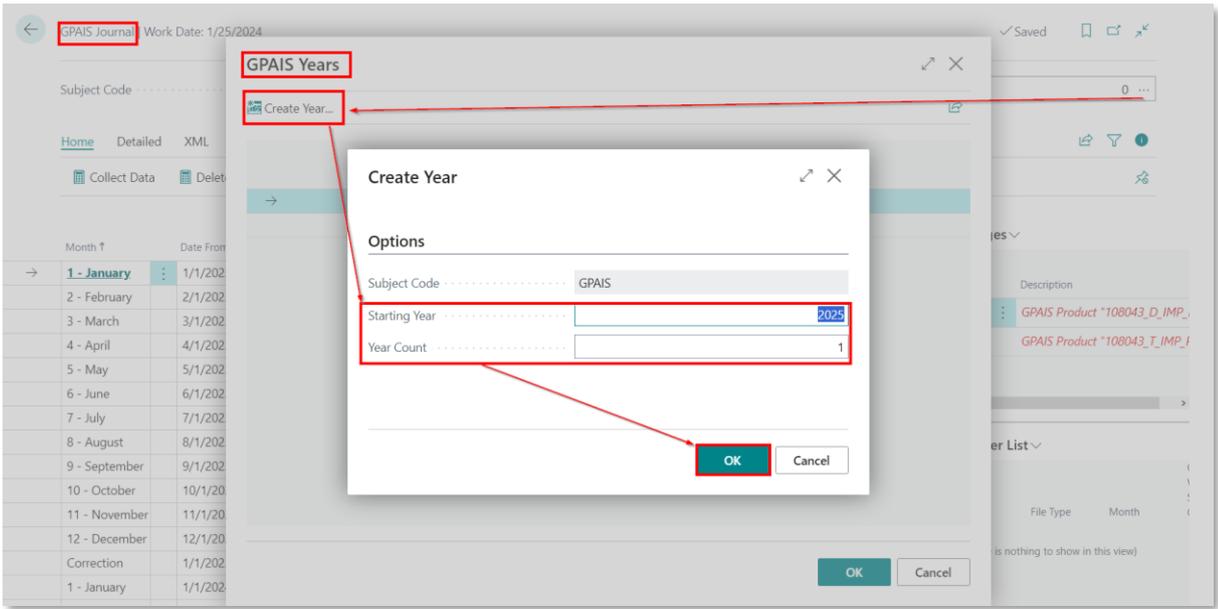
8. GPAIS Journal

The GPAIS Journal is designed to count the number of items and document packages (item units) released to the market and transfer them to GPAIS, generating an XML file of the journal.

8.1. GPAIS Years

Before starting to create GPAIS journals, it is necessary to create GPAIS years, based on which journals will be generated by months.

To create a year, perform the following steps: **GPAIS Journal -> Year ->** In the new GPAIS year page that opens, click the **Create Year** button:



Picture 61 GPAIS Year creation process

Data are collected and sent to the GPAIS Journal by month:

Month ↑	Date From	Date To	Data Collect Completed	File Completed	Unsent Entries Exist	Analysis Entries Created	State	Status Date	Comment
1 - January	1/1/2024	1/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	XML Created	8/1/2023	
2 - February	2/1/2024	2/29/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
3 - March	3/1/2024	3/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
4 - April	4/1/2024	4/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
5 - May	5/1/2024	5/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
6 - June	6/1/2024	6/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
7 - July	7/1/2024	7/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
8 - August	8/1/2024	8/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
9 - September	9/1/2024	9/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
10 - October	10/1/2024	10/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
11 - November	11/1/2024	11/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
12 - December	12/1/2024	12/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
Correction	1/1/2024	12/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	

Picture 62 GPAIS Journal rows

8.2. GPAIS Journal formation

Forming the GPAIS Journal starts with data collection, then after checking the collected data, we can create an XML file and forward it using REST access (Web service).

8.2.1. GPAIS Journal – Data Collection

In the **GPAIS Journal** page, select the row whose monthly journal you will create, then select the **Collect data** function in the **Home** menu section:

Month ↑	Date From	Date To	Data Collect Completed	File Completed	Unsent Entries Exist	Analysis Entries Created	State	Status Date	Comment
1 - January	1/1/2024	1/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	XML Created	8/1/2023	
2 - February	2/1/2024	2/29/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
3 - March	3/1/2024	3/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
4 - April	4/1/2024	4/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
5 - May	5/1/2024	5/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
6 - June	6/1/2024	6/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
7 - July	7/1/2024	7/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
8 - August	8/1/2024	8/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
9 - September	9/1/2024	9/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
10 - October	10/1/2024	10/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
11 - November	11/1/2024	11/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
12 - December	12/1/2024	12/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
Correction	1/1/2024	12/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	

Picture 63 GPAIS Journal Data Collection

The **Collect Data** function collects data from Item Ledger Entries (ILE) and posted documents according to certain rules, counts the quantities of GPAIS products and Item Units, and generates “Detailed entries“.

If the function completes successfully, the “**Data Collect Completed**“ field is changed to the value **TRUE**.

If errors are found while generating the journal, you will see them in the **Error Messages** section on the right side of the window:

Month ↑	Date From	Date To	Data Coll... Co...	File Co...	Unsent Entries Exist	Anal... Entr... Cre...	State	Status Date	Comment
→ 1 - January	1/1/2023	1/31/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Data Collec...	8/11/2023	
2 - February	2/1/2023	2/28/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	9/14/2023	
3 - March	3/1/2023	3/31/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
4 - April	4/1/2023	4/30/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
5 - May	5/1/2023	5/31/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
6 - June	6/1/2023	6/30/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
7 - July	7/1/2023	7/31/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
8 - August	8/1/2023	8/31/2023	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	XML Sent	9/13/2023	feeeddc
9 - September	9/1/2023	9/30/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
10 - October	10/1/2023	10/31/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
11 - November	11/1/2023	11/30/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
12 - December	12/1/2023	12/31/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
Correction	1/1/2023	12/31/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	

Picture 64 GPAIS Journal Data Collection – Error Messages

If necessary (for example, if it is discovered that not all documents have been posted yet), the **Delete collected data** function can be used, which will delete the created records. This function can be used before the file is generated, i.e. the **File Completed** field value is **FALSE**.

If the function completes successfully, the **Data Collect Completed** field is changed to value **FALSE**, and the previously collected records are deleted.

8.2.2. GPAIS Journal – Data Verification

When Data Collection is completed, clicking on a journal line will open the **GPAIS Grouped Journal Lines**. Here you will see grouped records that will be sent to the GPAIS system:

Is Doc... Entry	Item/Packa... Flow	Item No.	GPAIS Code	GPAIS Date	GPAIS Quantity	GPAIS Quantity per Unit	GPAIS Quantity to send	GPAIS Supply
<input checked="" type="checkbox"/>	Item Unit		108039_S_IM...	1/8/2023	1.00	1	1	Impo
<input checked="" type="checkbox"/>	Item Unit		108039_V	1/8/2023	1.00	1	1	Impo
<input checked="" type="checkbox"/>	Item Unit		108039_V_IM...	1/8/2023	1.00	1	1	Impo
<input checked="" type="checkbox"/>	Item Unit		108043_D_IM...	8/11/2023	1.00	1	1	Impo
<input checked="" type="checkbox"/>	Item Unit		108043_T_IM...	8/11/2023	1.00	1	1	Impo

Picture 65 GPAIS Grouped Journal Lines

The fields **GPAIS Supply** and **GPAIS Demand** must be filled in the GPAIS Journal. These fields are selected according to the **GPAIS Data Collection Setup** or assigned templates. If the GPAIS Supply or Demand has not been assigned, it is necessary to check why, otherwise such records will not be transferred to the GPAIS system.

8.2.3. GPAIS Journal – File Formation

If the collected records are correct, the file can be created.

This is done by selecting **XML -> Create XML and Send** from the menu section:

Month ↑	Date From	Date To	Data Coll... Co...	File Co...	Unsent Entries Exist	Anal... Entr... Cre...	State	Status Date	Comment
→ 1 - January	1/1/2023	1/31/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Data Collec...	8/11/2023	
2 - February	2/1/2023	2/28/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	9/14/2023	
3 - March	3/1/2023	3/31/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	
4 - April	4/1/2023	4/30/2023	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	Empty	8/1/2023	

Picture 66 GPAIS Journal XML file formation

A file is created only for the Journal entry on which the cursor is set.

All GPAIS products in the journal must be imported into the GPAIS system, otherwise, you will receive an error message when importing the journal and such entries will not be processed.

If the function completes successfully, the journal fields change to:

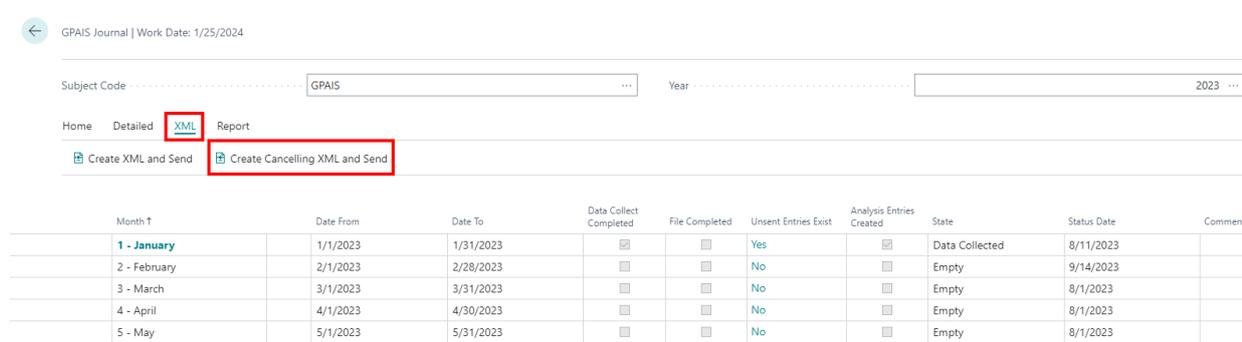
- **File Completed** -> **Yes**,
- **State** -> **XML Created** or **XML Sent** (depending on setup).

The generated GPAIS Journal XML file can be transferred to the GPAIS system using REST access (Web service) or by manually exporting/importing the XML file.

8.2.4. GPAIS Journal – Cancelling an XML file

The generated GPAIS Journal XML file is transferred to the GPAIS system using REST access (Web service).

If necessary, it is possible to cancel the generated and transferred XML file. To cancel an XML file, select the **Create Cancelling XML and Send** function, which creates an undo file:



Picture 67 GPAIS Journal – Cancelling an XML file

If the function completes successfully, the journal fields change to:

- **File Completed** -> **No**,
- **State** -> **Cancel XML Created** or **Cancel XML Sent** (depending on setup).

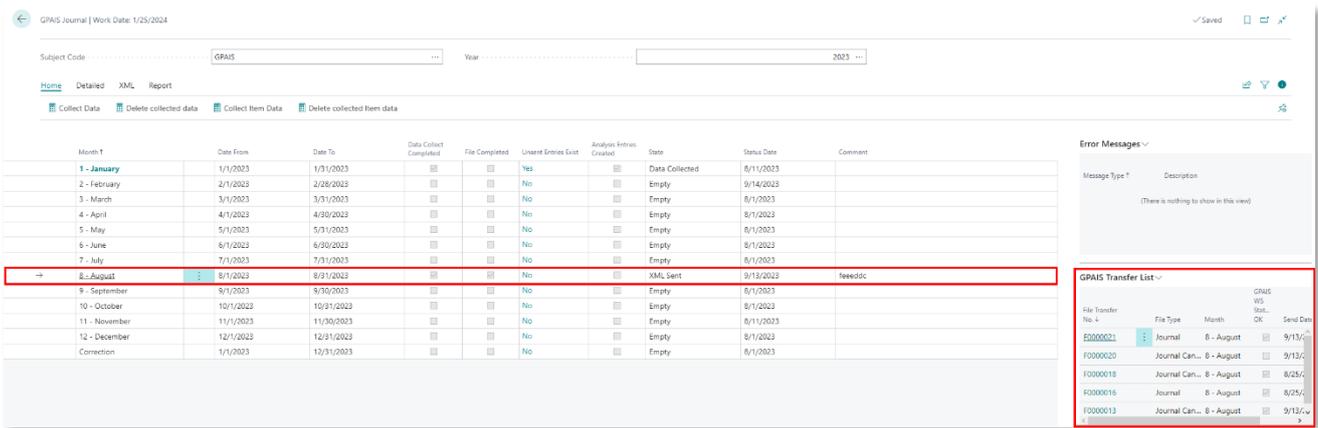
In the **Comment** field, the user can enter a comment related to that particular journal. When changing states, the comment remains.

8.2.5. GPAIS Journal – Transfer List

Each journal can be formed several times. If an XML file was created/canceled, then all files generated by this journal are stored in the GPAIS Transfer List. The file type of GPAIS Journals can be:

- Journal
- Journal Cancellation

If you select a specific journal XML entry in the **GPAIS Journal**, you will see only the list of files created by the selected entry in the **GPAIS Transfer List**:



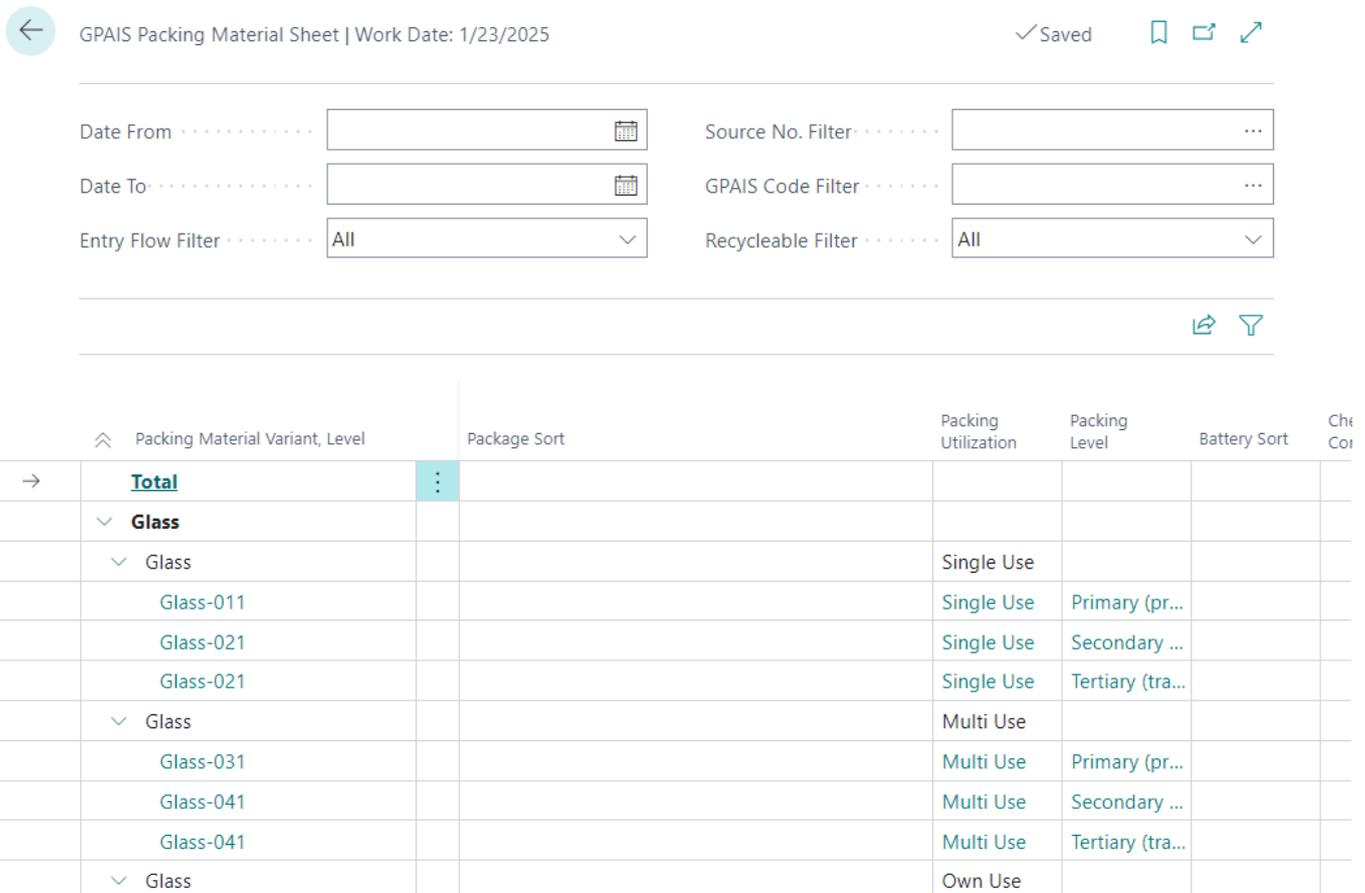
Picture 68 GPAIS Journal – Transfer List

Clicking on any transfer list file number, the **GPAIS Transfer List** page will be opened, where you can see the date and time of transfer, whether the GPAIS WS transfer was successful, and the number of records.

In the XML menu, you can download the selected journal XML file (the function **Download XML**) or try to send it again (the function **Send XML again**).

8.2.6. GPAIS Packing Material Sheet

For data comparison/verification with the reports formed by the GPAIS system, the **GPAIS Packing Material Sheet** is created in the BC system.



Picture 69 GPAIS Packing Material Sheet

You can filter the sheet by:

Date – fields **Date From** and **Date To**.

Entry Flow Filter - you can filter by specific Entry Flow. Possible values: All, Item Unit, Oil Product, Vehicle, Electronic Equipment, Battery, Taxable Product.

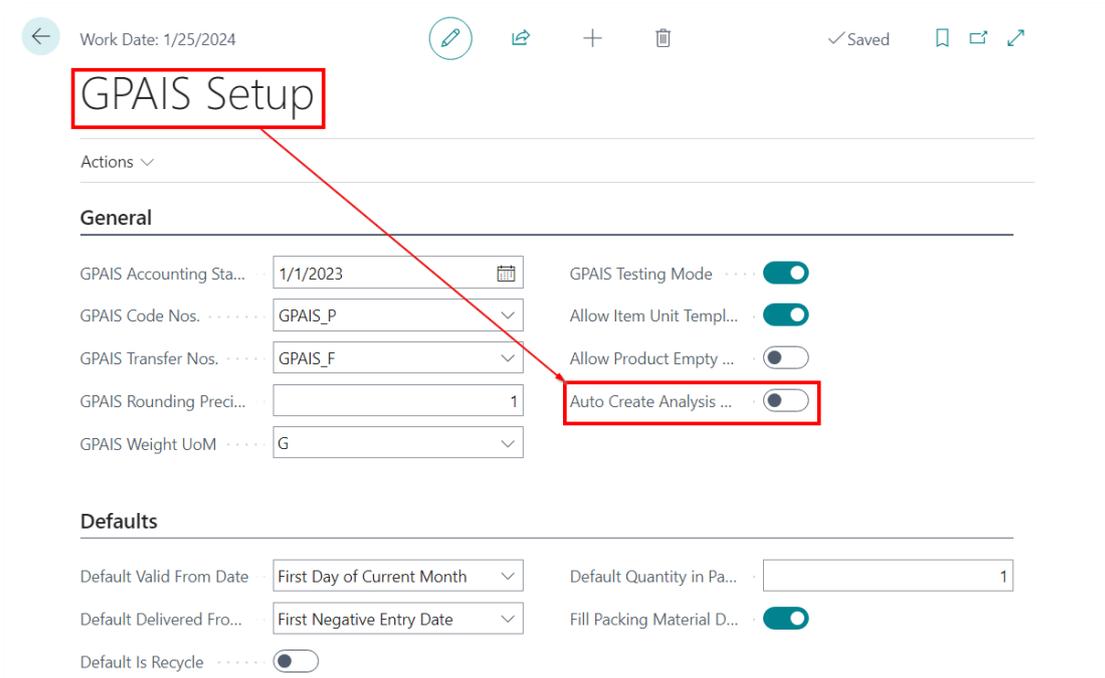
Source No. Filter – you can filter according to the GPAIS product field **Source No**.

GPAIS Code Filter – you can filter according to the GPAIS product field **GPAIS code**.

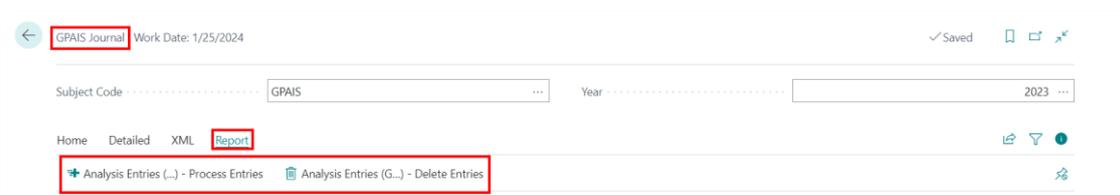
Recycleable Filter – possible values: All, Recycleable, Non-recycleable.

For the sheet to be generated, analysis entries must be created in the GPAIS Journal (**GPAIS Journal** -> column **Analysis Entries Created**). Analysis entries according to the GPAIS Setup can be created automatically or manually for each journal by performing the function “**Analysis Entries (GPAIS) – Process Entries**” (**GPAIS Journal** -> **Report** -> **Analysis Entries (GPAIS) – Process Entries**).

If the analysis entries were created, but need to be recreated, then first cancel the collected entries by performing the function “**Analysis Entries (GPAIS) – Delete Entries**” (**GPAIS Journal** -> **Report** -> **Analysis Entries (GPAIS) – Delete Entries**). Then create entries again by performing the function “**Analysis Entries (GPAIS) – Process Entries**” (**GPAIS Journal** -> **Report** -> **Analysis Entries (GPAIS) – Process Entries**).



Picture 70 A setting that enables the automatic creation of analysis entries



Picture 71 Creating/deleting analysis entries via function

9. Creation of Correction Journal

The OIXIO GPAIS product provides an opportunity to create correction entries to cover quantity discrepancies that prevent the year from being closed. Discrepancies can arise for certain reasons, resulting in an excessive plus/minus at the end of the year.

Correction entries can be created manually or collected systematically. The system automatically detects discrepancies and creates additional records with the opposite sign to cover the difference.

Additional entries are created on the last day of the year and collected in a separate monthly journal called **Correction**.

GPAIS Journal | Work Date: 1/23/2025

Subject Code: GPAIS TEST LAUR Year: 2024

Collect Data | Collect Item Data | Detailed Entries | Create XML | Analysis Entries (...) - Process Entries | **Corrections (User)**

Month	Date From	Date To	Data Collect Completed	File Completed	Unrs	State	Status Date
1 - January	1/1/2024	1/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	3/28/2024
2 - February	2/1/2024	2/29/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	3/21/2024
3 - March	3/1/2024	3/31/2024	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No	Cancel XML Created	7/8/2024
4 - April	4/1/2024	4/30/2024	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No	XML Created	3/25/2024
5 - May	5/1/2024	5/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	3/28/2024
6 - June	6/1/2024	6/30/2024	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No	Data Collected	10/1/2024
7 - July	7/1/2024	7/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	6/18/2024
8 - August	8/1/2024	8/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	10/2/2024
9 - September	9/1/2024	9/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	3/21/2024
10 - October	10/1/2024	10/31/2024	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes	Data Collected	10/30/2024
11 - November	11/1/2024	11/30/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	10/10/2024
12 - December	12/1/2024	12/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	10/30/2024
→ Correction	1/1/2024	12/31/2024	<input type="checkbox"/>	<input type="checkbox"/>	No	Empty	10/30/2024

Correction Entries: 2 System Correction Entries: 0

Picture 72 Correction Journal

To create a correction entry manually, select **Corrections (User)** from the menu bar. On the page that opens, you need to specify the GPAIS code for which the correction entry will be created, the Supply and Demand of the GPAIS, and the quantity.

GPAIS TEST LAUR | Work Date: 1/23/2025

GPAIS Journal User Corrections | + New | Edit List | Delete

GPAIS Code	GPAIS Supply	GPAIS Demand	Quantity
→ P0000001	Imported	EV - Export from LT	10
P0000005	Produced	PV - Selling in LT	50

Picture 73 GPAIS Journal User Corrections

Once a correction entry is created, the Correction Journal changes color to red and at the bottom shows how many user-created correction entries there are currently. The red color indicates that the correction entries are created but not collected in the Correction Journal. Collection is done in a standard way, like any other month. Once the Correction Journal is collected, the red color disappears and the creation of additional correction entries (both user and system) is locked.

← GPAIS Journal Lines | Work Date: 1/23/2025

Item/Package Flow	GPAIS Code	Description	GPAIS Date	Item Ledger Quantity	Item Application Quantity	GPAIS Quantity	GPAIS Quantity per Unit	GPAIS Unit of Measure Code	GPAIS Quantity to send	GPAIS Supply	GPAIS Demand
<u>Item Unit</u>	P0000001	Bicycle	12/31/2024	0	10	10.00	1		10	Imported	EV - Export
Oil Product	P0000005	Front Wheel	12/31/2024	0	50	50.00	1		50	Produced	PV - Selling

Picture 74 Detailed lines of the Correction Journal

To systematically collect correction entries, select **Create Corrections** from the menu bar. If the system detects discrepancies, it creates additional correction entries in a separate table by subject and year that are listed at the top of the journal. Systematically created entries can be viewed by clicking **Corrections (System)**. If we want to delete systematically created entries, we need to click **Cancel Corrections**, and systematically created correction entries will be deleted. The number of correction entries created by the system can be seen below. If correction entries are created but not collected in a journal, the Correction Journal will be shown in red color.

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