

CAD SERVICEBURO

MATERIAL REPORTING TOOL

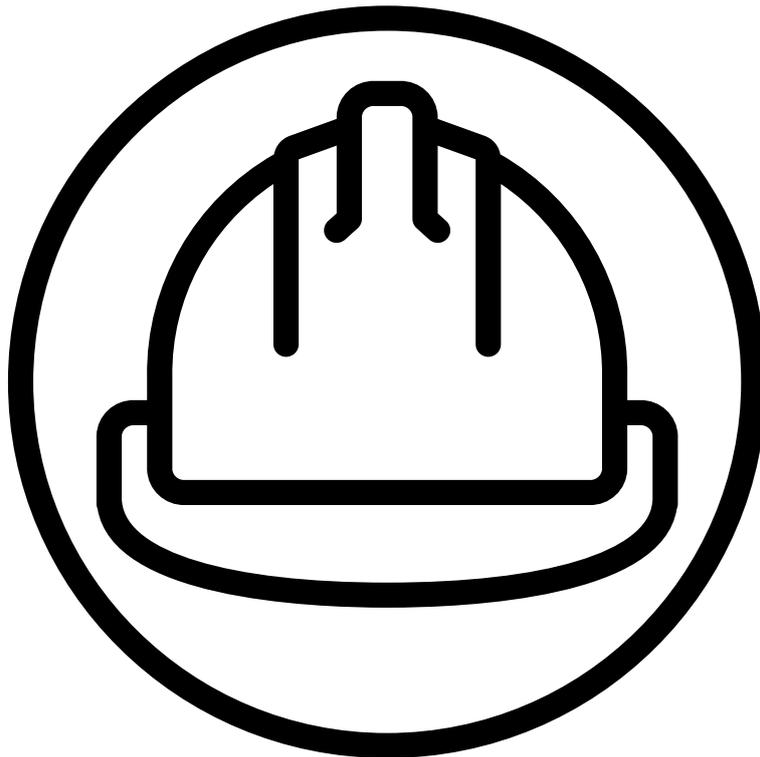


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PREMIUM LICENSE

1 Create an account

The Material Reporting Tool is an external online program designed to collect materials from a Vertex project. You can, for example, calculate volumes, square meters or components you have added to the project like electricity or other 3D objects.

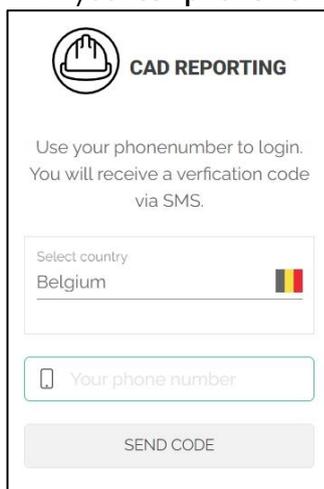
Would you like an order list of profiles and plates? You can optimize materials to create a minimum of waste and know the exact amount of materials you need to order.

You can even go further. Connect an Excel file to the program and create automatically an offer for customers or an order sheet for suppliers.

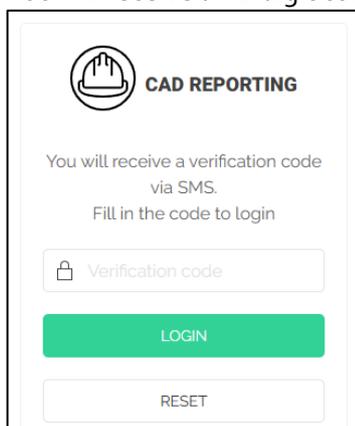
The online tool is linked to your cell phone number, so all the projects you upload are private. You can only be logged in on one device at a time.

1.1 Open website

- Go to the website www.cadreporting.com
- Select your **country**
- Fill in your **cell phone number**



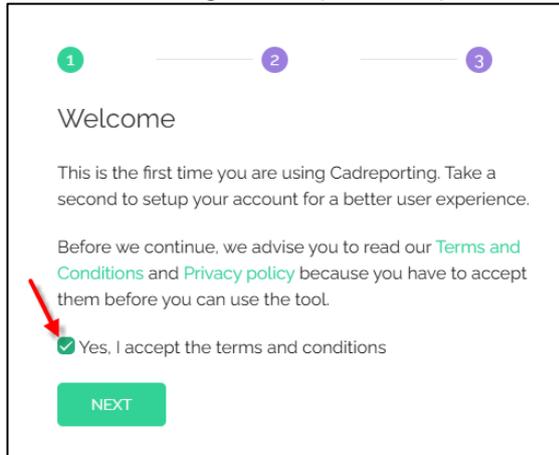
- Click on **SEND CODE**
- You will receive an 6-digit code on your cell phone, fill in these digits



- Click on **LOGIN**

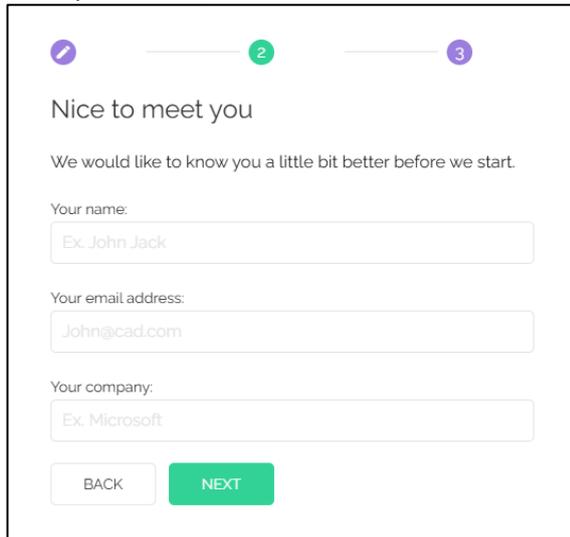
If you don't get the box below, please reload the Internet page.

- A welcome dialogue will open, Accept the **terms and conditions** by clicking on the box



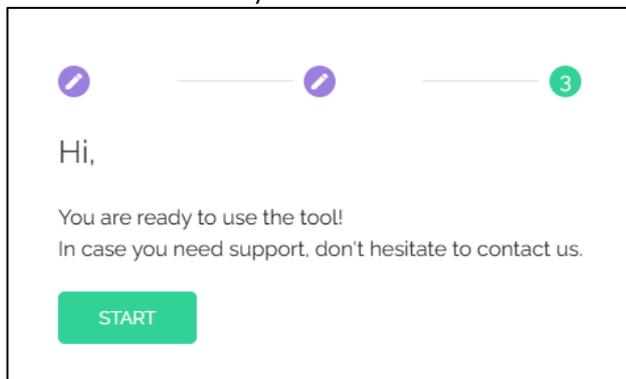
A welcome dialog box with a progress indicator at the top showing three steps: 1 (active), 2, and 3. The text reads: "Welcome", "This is the first time you are using Cadreporting. Take a second to setup your account for a better user experience.", "Before we continue, we advise you to read our [Terms and Conditions](#) and [Privacy policy](#) because you have to accept them before you can use the tool.", and a checked checkbox with the text "Yes, I accept the terms and conditions". A green "NEXT" button is at the bottom.

- Click on **NEXT**
- Fill in your name, email address and the name of your company



A registration form with a progress indicator at the top showing three steps: 1, 2 (active), and 3. The text reads: "Nice to meet you", "We would like to know you a little bit better before we start.", "Your name:", "Your email address:", and "Your company:". There are three input fields with placeholder text: "Ex. John Jack", "John@cad.com", and "Ex. Microsoft". At the bottom are "BACK" and "NEXT" buttons.

- Click on **NEXT**
- You have successfully created an account



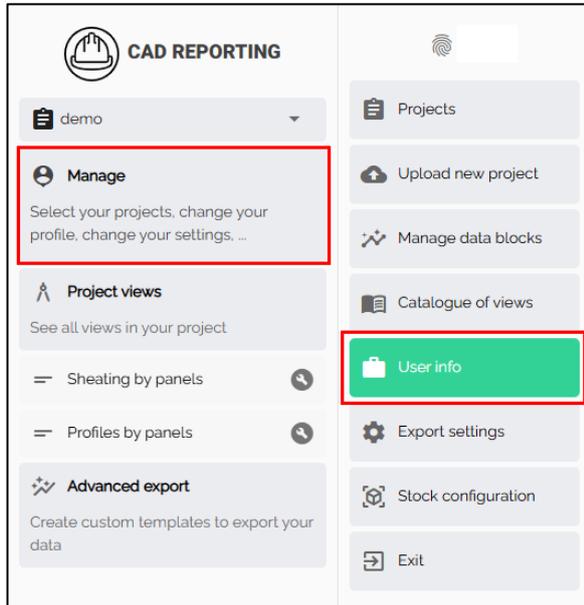
A start dialog box with a progress indicator at the top showing three steps: 1, 2, and 3 (active). The text reads: "Hi,", "You are ready to use the tool!", and "In case you need support, don't hesitate to contact us.". A green "START" button is at the bottom.

- Click on **START**

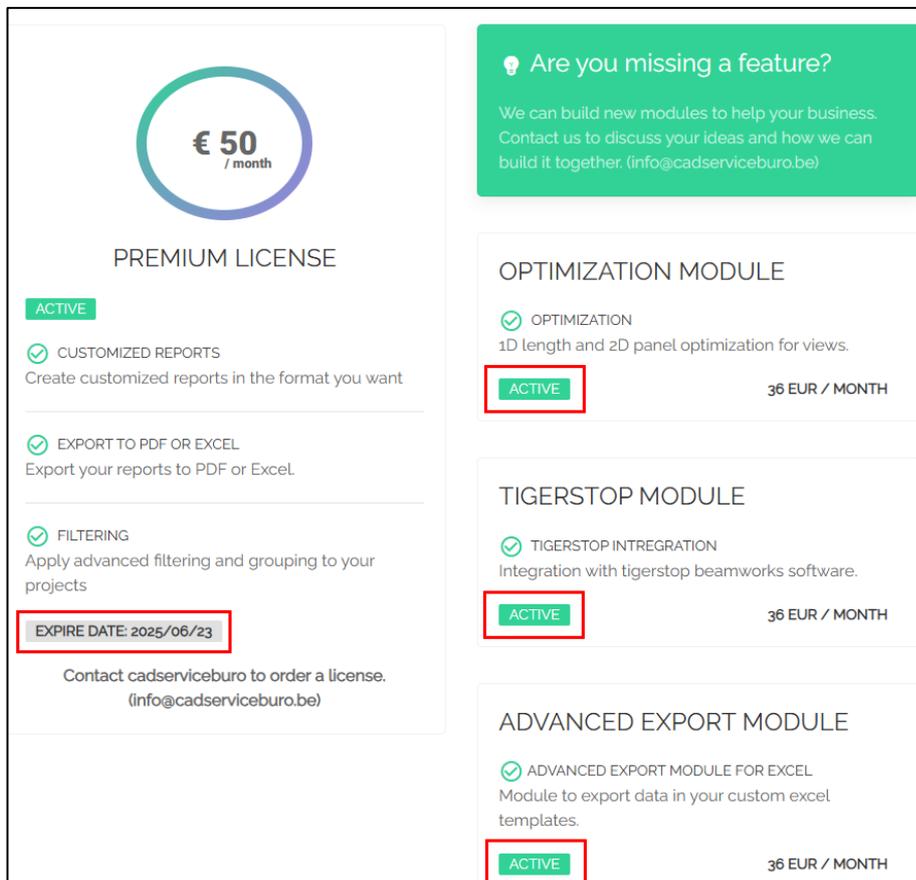
2 User information

Do you want to know how much the license and modules cost, or how long your free trial version is still valid? You can find this information in the User info.

- Click on **Manage**
- Click on **User info**



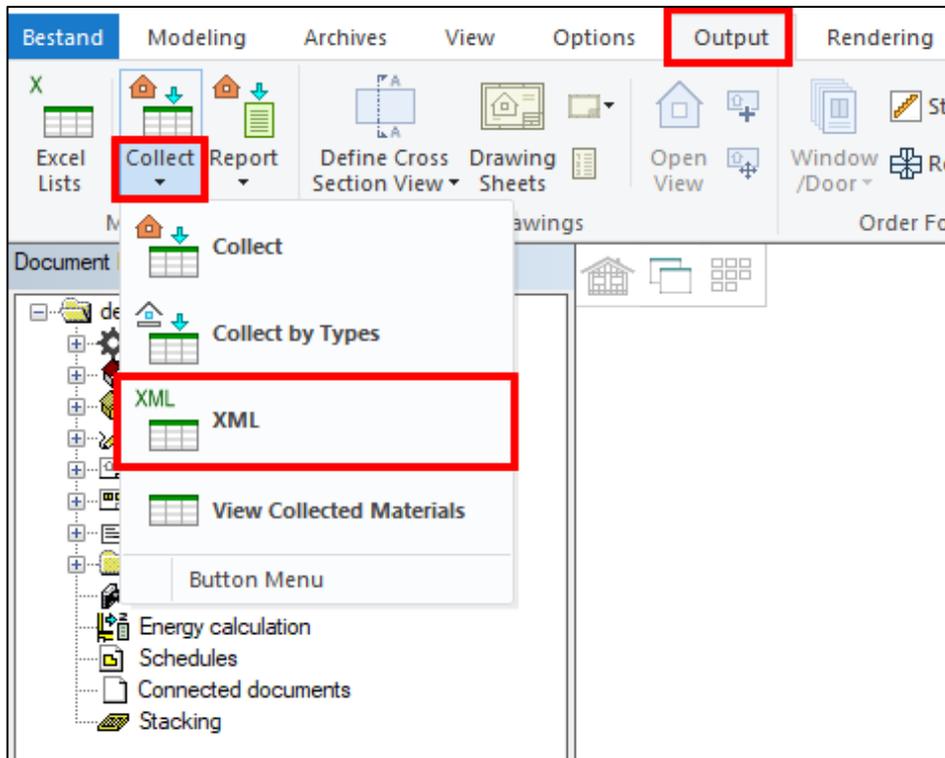
- You can find the expiration date underneath the premium license.
- You can find all the modules on the right side. When you purchase a module, the word ACTIVE will be visible underneath the module.



3 Collect data to an XML-file

3.1 XML export

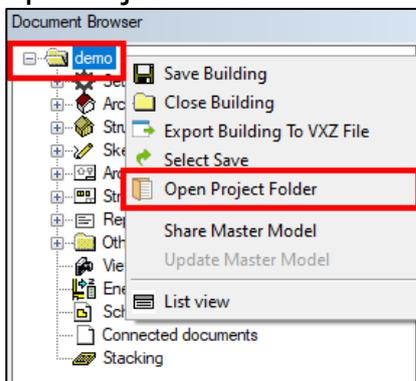
- Open a project in Vertex from which you would like to collect data
- Go to the tab **Output**
- **Collect**
- **XML**



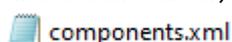
It takes only a few seconds to collect all the materials and objects from the project.

3.2 Locating the XML

- Open the project folder
 - Right mouse click on the project name
 - **Open Project Folder**



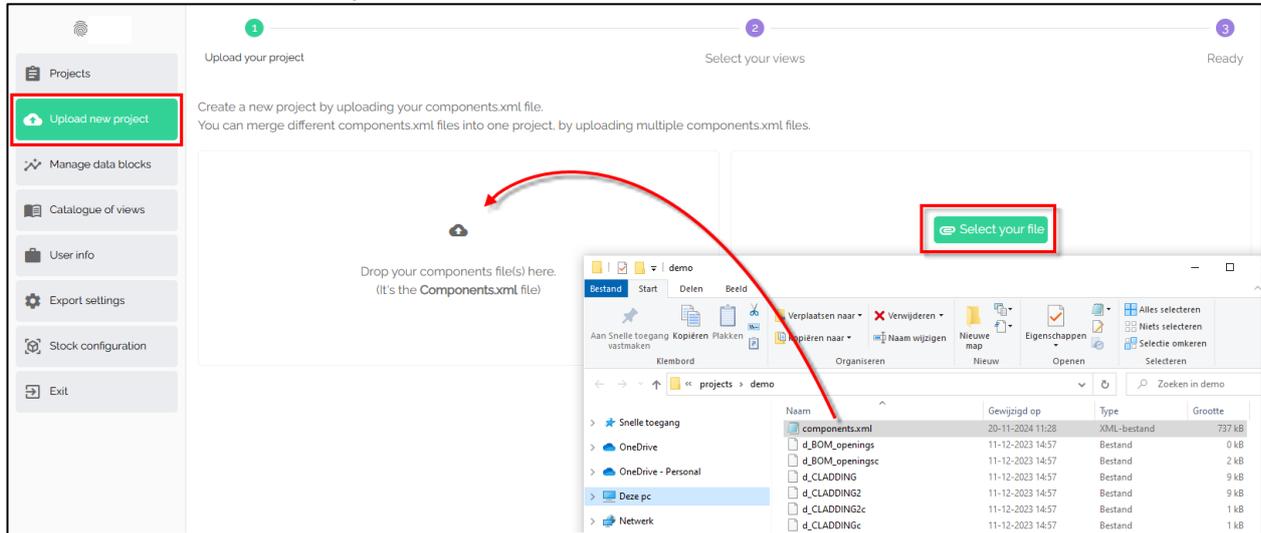
- Search for the file **components.xml** (you can fill in the name in the search box or click on the C-key to find the file faster)



4 Upload a project

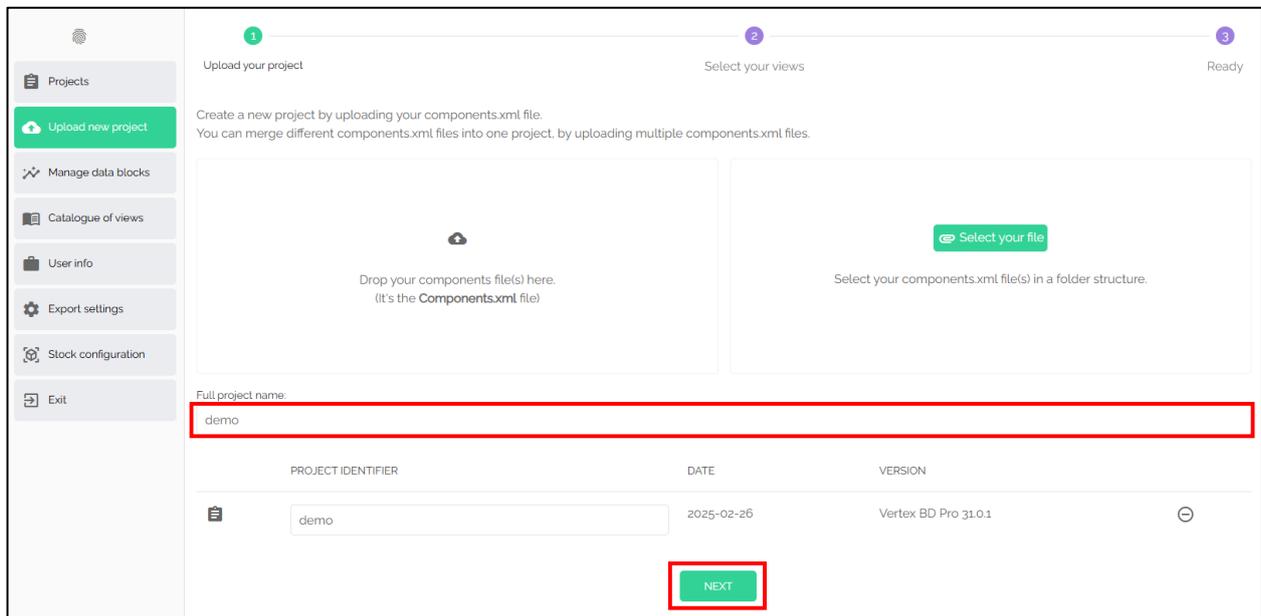
4.1 Load XML

- Click on **Upload new project**
- Drag in the file **components.xml** in the program (or click on **Select your file** and search the file)
(You can upload multiple projects at once)



4.2 Name project

- The name of the project will be filled in automatically in **Full project name**, but you can change this name.



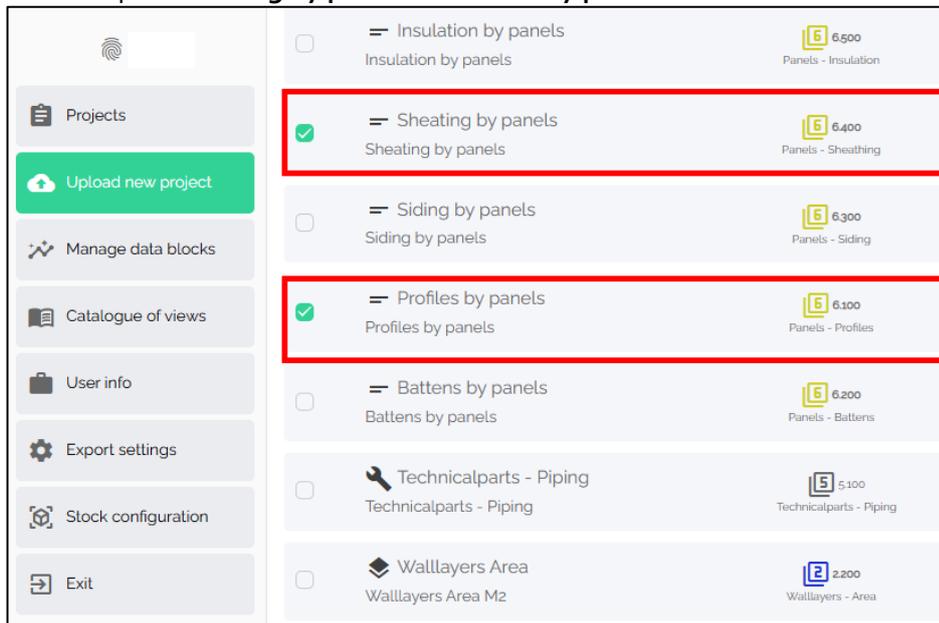
- Click on **NEXT**

4.3 Choose Data blocks

Data blocks contain data that will translate a specific part of the project. Data blocks that have a color contain information. The gray colored ones contain no information, which means that materials or components belonging to that category are not drawn in the project in Vertex.



- Select one or multiple data blocks
For example: **Sheathing by panels & Profiles by panels**

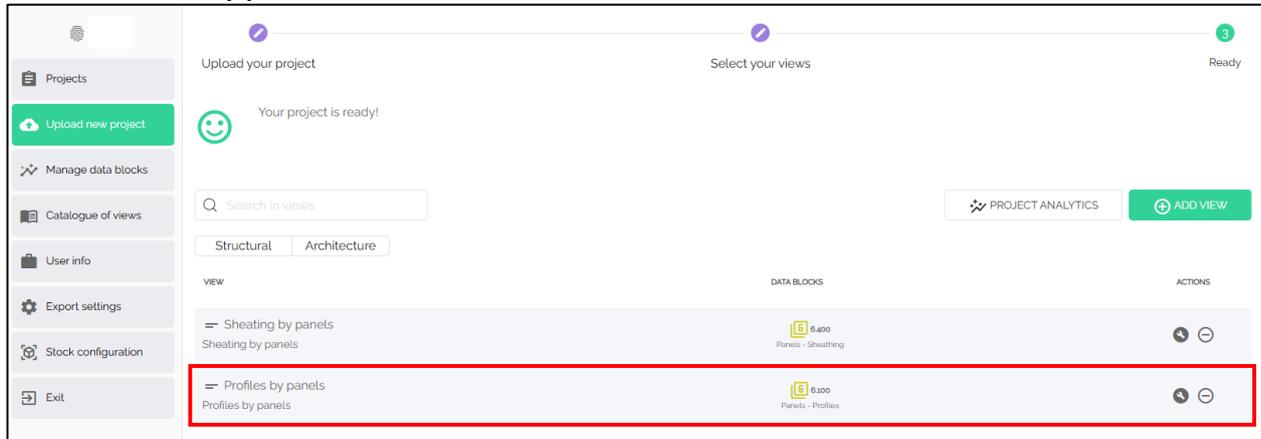


- Click on **NEXT**

5 Prepare Export

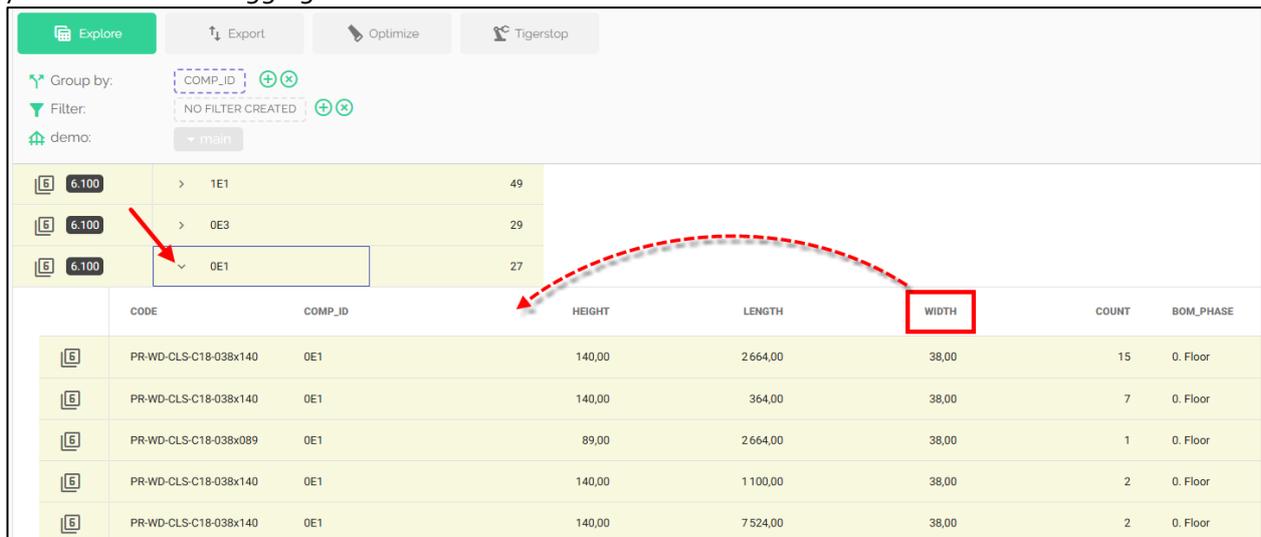
5.1 Add data

- Click on **Profiles by panels**



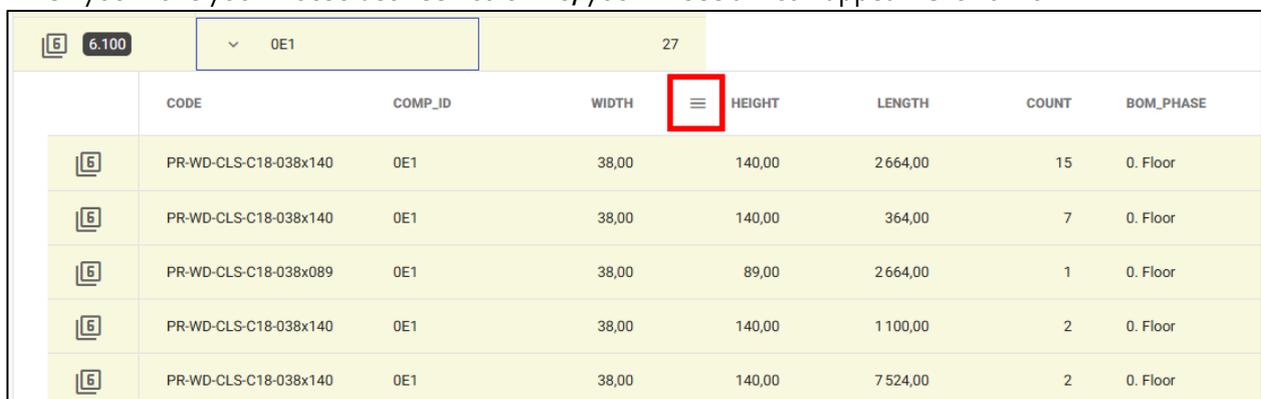
The screenshot shows a software interface with a sidebar on the left containing navigation options like 'Projects', 'Upload new project', 'Manage data blocks', 'Catalogue of views', 'User info', 'Export settings', 'Stock configuration', and 'Exit'. The main area is titled 'Select your views' and shows a 'VIEW' section with two options: 'Sheathing by panels' and 'Profiles by panels'. The 'Profiles by panels' option is highlighted with a red box. Below it, there are 'DATA BLOCKS' and 'ACTIONS' sections.

- Click on the arrow next to a panel number
- You now get an overview of various data. You can change the position of these columns by holding down your mouse and dragging the column.



The screenshot shows a data table with the following columns: CODE, COMP_ID, HEIGHT, LENGTH, WIDTH, COUNT, and BOM_PHASE. A red arrow points to the 'WIDTH' column header, and a red dashed arrow indicates a drag action from the 'WIDTH' column to the 'HEIGHT' column. The table contains several rows of data, including one row with CODE 'PR-WD-CLS-C18-038x140' and COMP_ID '0E1'.

- When you move your mouse between columns, you will see an icon appear. Click on it.



The screenshot shows the same data table as before, but with the 'WIDTH' column header highlighted and a red box around the icon that appears when the mouse is moved between columns. The table contains several rows of data, including one row with CODE 'PR-WD-CLS-C18-038x140' and COMP_ID '0E1'.

- You now get a list of data you can choose to display by checking on or off the box.

CODE	COMP_ID	WIDTH	COUNT	BOM_PHASE
PR-WD-CLS-C18-038x140	0E1	38,00	15	0. Floor
PR-WD-CLS-C18-038x140	0E1	38,00	7	0. Floor
PR-WD-CLS-C18-038x089	0E1	38,00	1	0. Floor
PR-WD-CLS-C18-038x140	0E1	38,00	2	0. Floor
PR-WD-CLS-C18-038x140	0E1	38,00	2	0. Floor

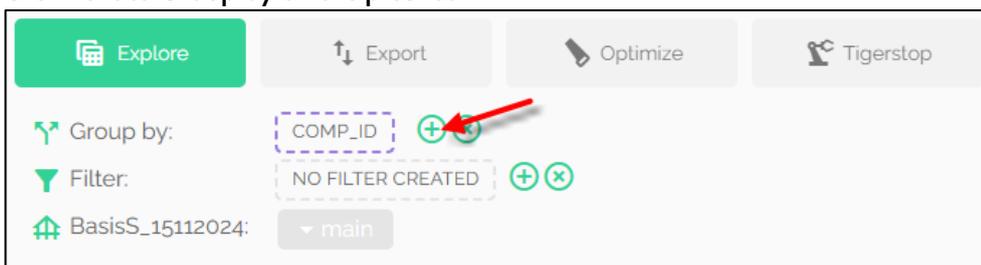
For example: this is the result when you deselect COMP_ID, WIDTH and HEIGHT:

CODE	LENGTH	COUNT	BOM_PHASE
PR-WD-CLS-C18-038x140	2 664,00	15	0. Floor
PR-WD-CLS-C18-038x140	364,00	7	0. Floor
PR-WD-CLS-C18-038x089	2 664,00	1	0. Floor
PR-WD-CLS-C18-038x140	1 100,00	2	0. Floor
PR-WD-CLS-C18-038x140	7 524,00	2	0. Floor

5.2 Sorting data

The data will automatically be sorted by panel number (COMP_ID), but we can change this.

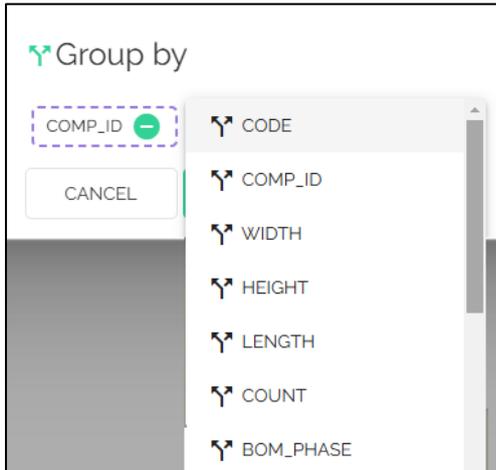
- Click next to **Group by** on the plus icon



- Click on the arrow next to **Select column**

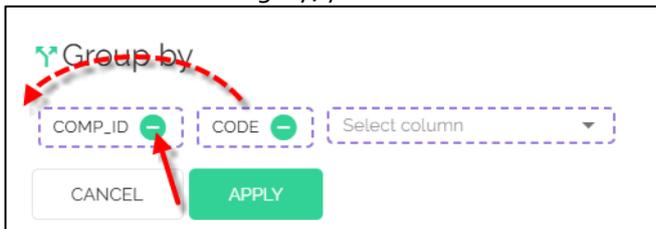


- Here, you can choose which data you would like to sort by.



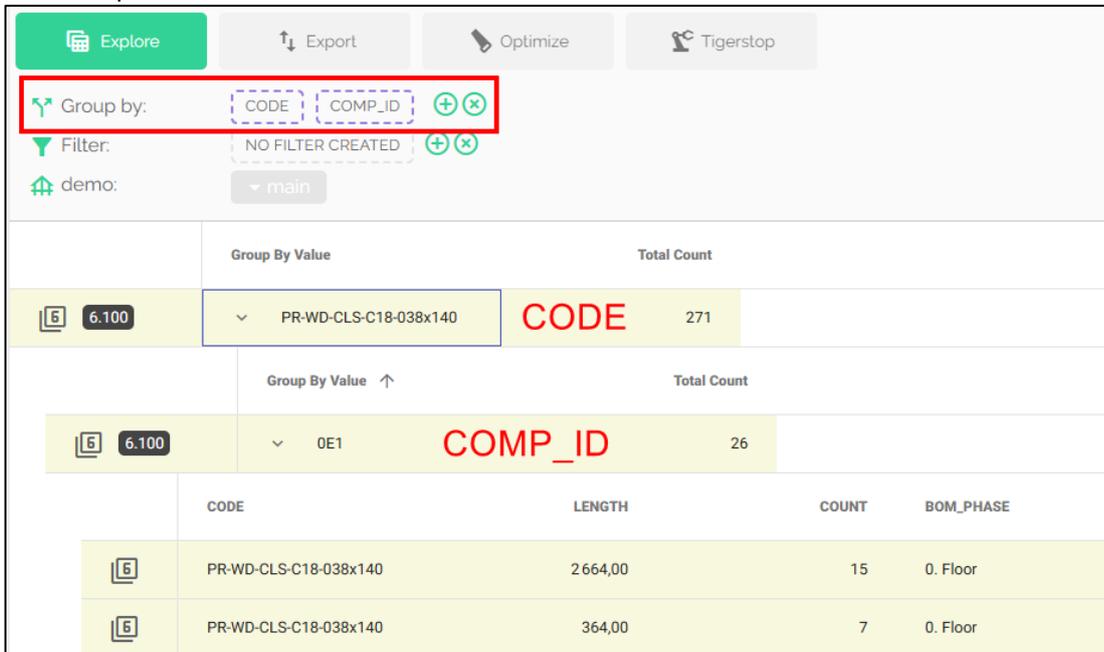
- **CODE** = the code of the material / object
- **COMP_ID** = the panel number
- **WIDTH** = the width of the material / object
- **HEIGHT** = the height of the material / object
- **LENGTH** = the length of the material / object
- **COUNT** = the amount
- **BOM_PHASE** = the floor

- You can add multiple categories. The order in which you place them is also the order that is used in your overview. You can change the order by grabbing a category and dragging it to a new position. If you want to delete a category, you can click on the minus icon.



- Click on **APPLY**

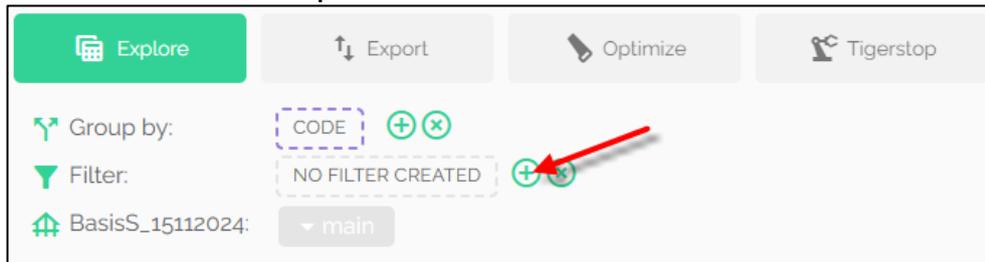
For example:



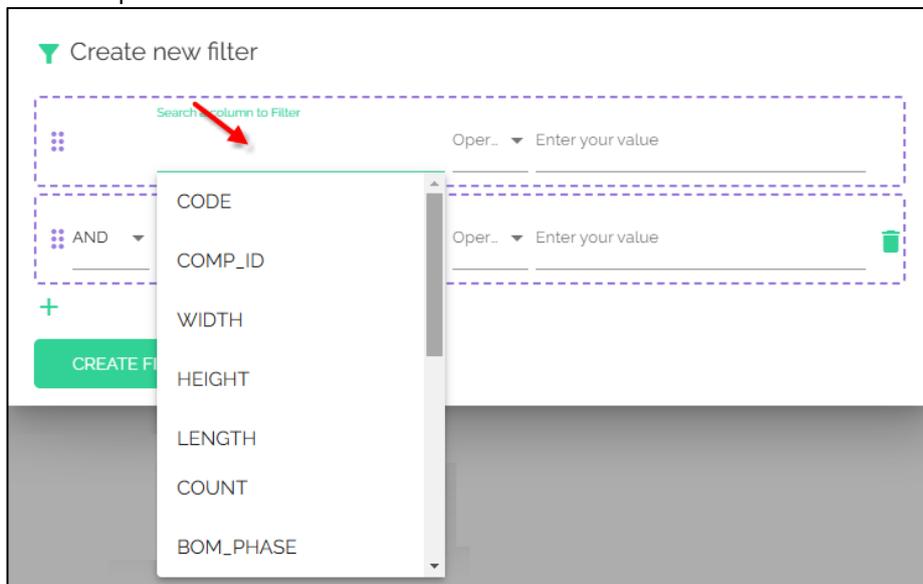
Group By Value		Total Count		
6.100	PR-WD-CLS-C18-038x140	CODE 271		
Group By Value ↑		Total Count		
6.100	0E1	COMP_ID 26		
	CODE	LENGTH	COUNT	BOM_PHASE
6.100	PR-WD-CLS-C18-038x140	2664,00	15	0. Floor
6.100	PR-WD-CLS-C18-038x140	364,00	7	0. Floor

5.3 Filter data

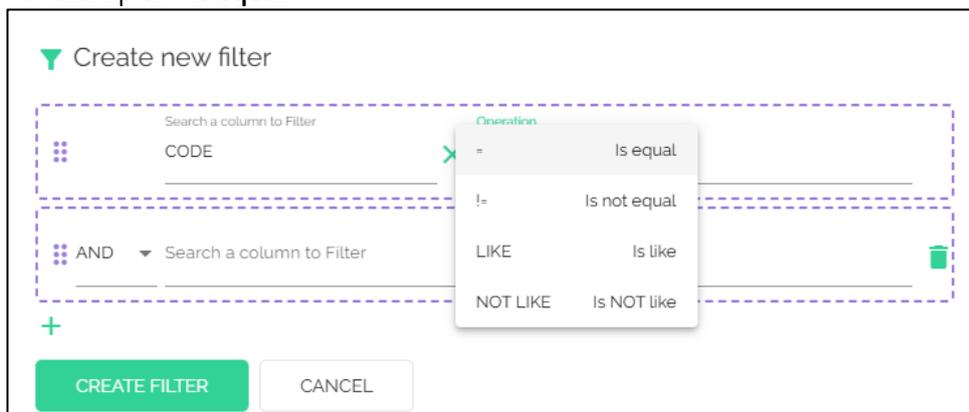
- Click next to **Filter** on the **plus icon**



- Click in the area where **Search column to filter** is stated
- Here you get a list of different categories to filter on.
For example: **CODE**

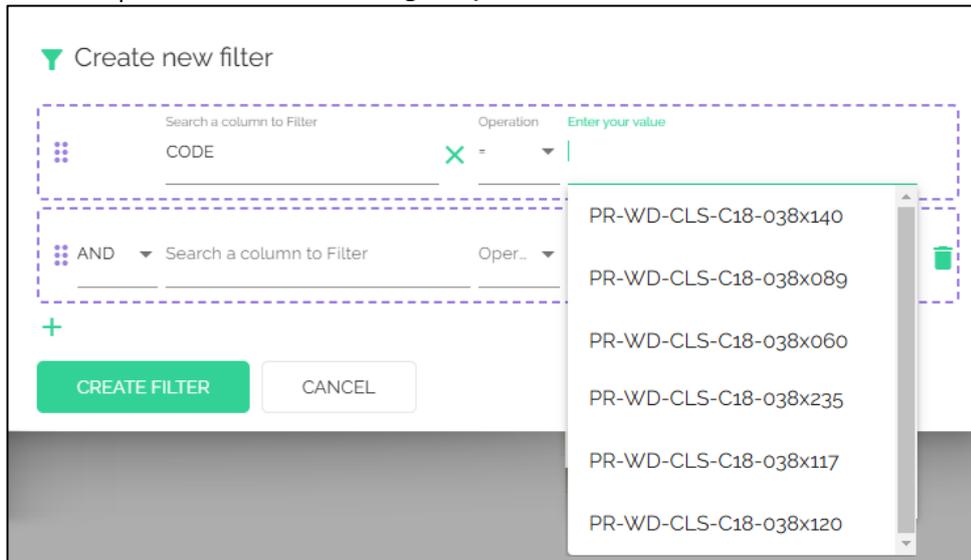


- Click on the arrow next to **Operation**
- Here you will receive a list of different actions that you can filter on
For example: **= is equal**



- **= (is equal)** = this means that you will filter out only one element
- **!= (is not equal)** = This means that you will remove one element from the overview
- **LIKE (is like)** = This means that you can delete a part of the code to address a larger category to filter it out (**see example 1**)
- **NOT LIKE (is NOT like)** = This means that you can delete a part of the code in order to address a larger category and remove it from the overview

- Click in the area where **Enter your value** is stated
- Here you will receive a list of all the codes you can filter on
For example: **PR-WD-CLS-C18-038x140**

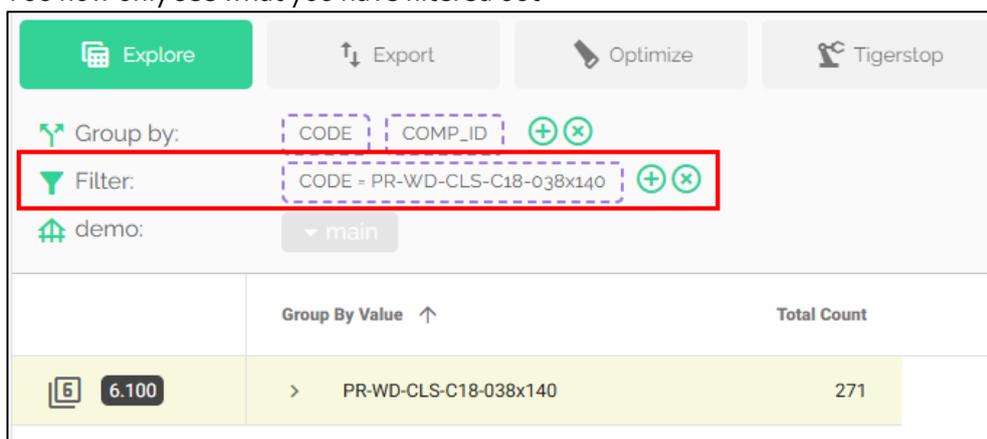


- As you can see, it is possible to add multiple filters



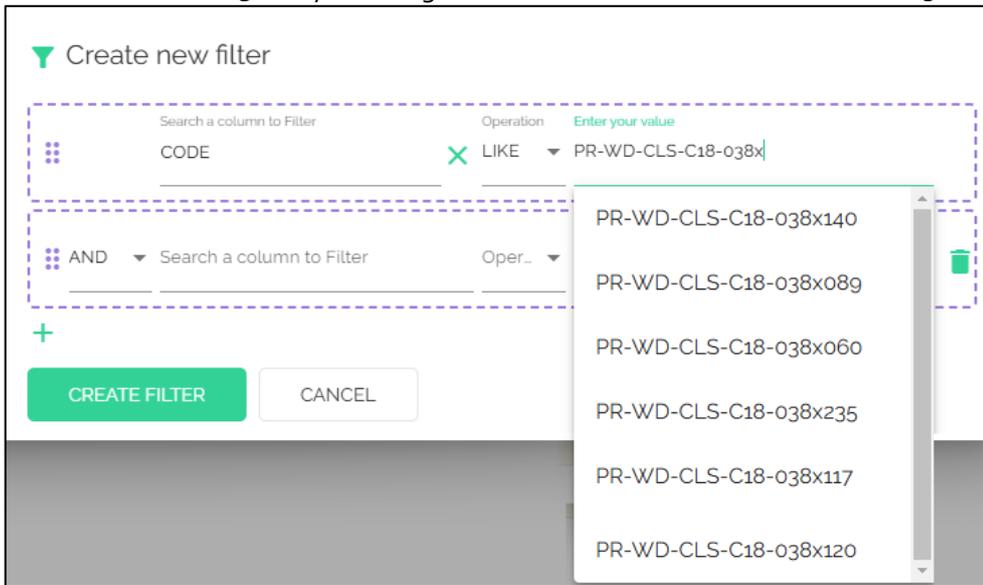
- **AND** = You can use this when you want to add multiple filters on one item (see example 2)
- **OR** = You can use this to add multiple filters (see example 3)
- By clicking on the **trash can icon** you delete a row
- By clicking on the **plus icon** you create an extra row

- Click on **CREATE FILTER**
- You now only see what you have filtered out



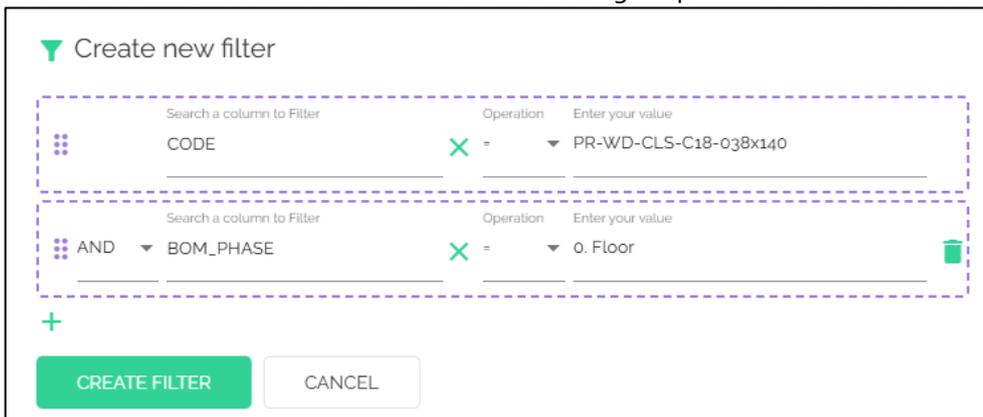
Example 1:

PR-WD-CLS-C18-038x = you now get all the measurements with a width of 38mm



Example 2:

You want to filter out all the wood with dimension 38x140 mm that is used on the ground floor



Example 3:

You want to filter out all the wood with dimensions 38x140 mm, 38x235 mm and 38x89 mm

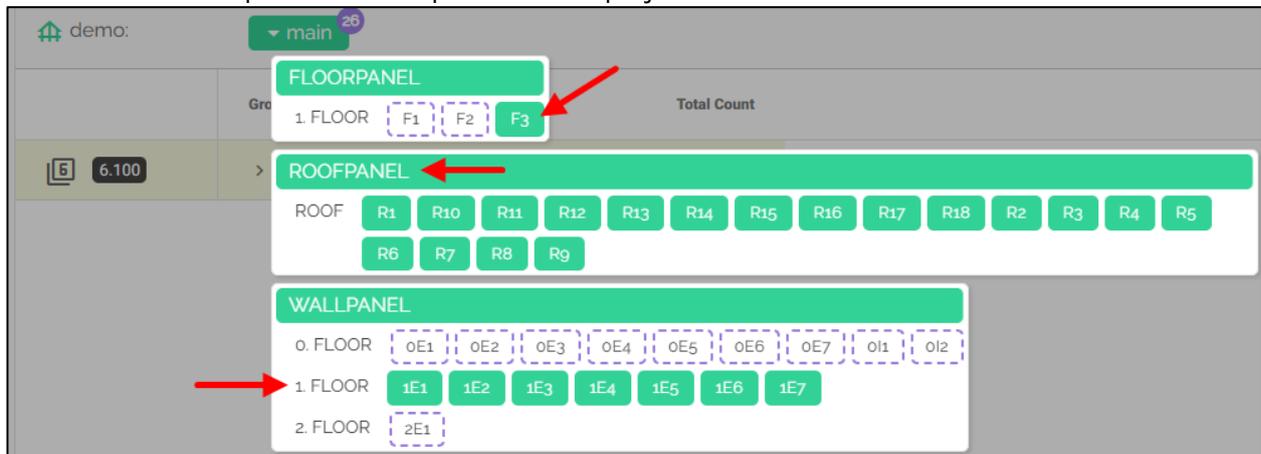


5.4 Filtering data by level or panel

- Click on **main**



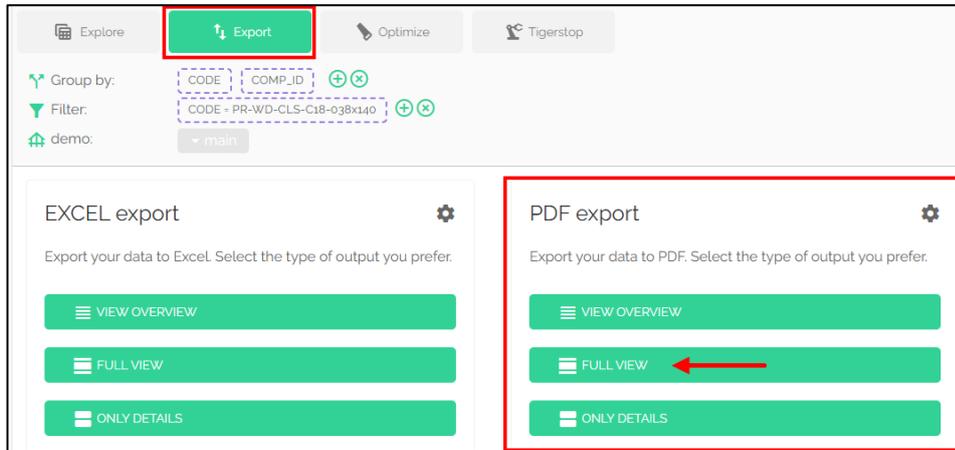
- You now see all the panels that are present in the project



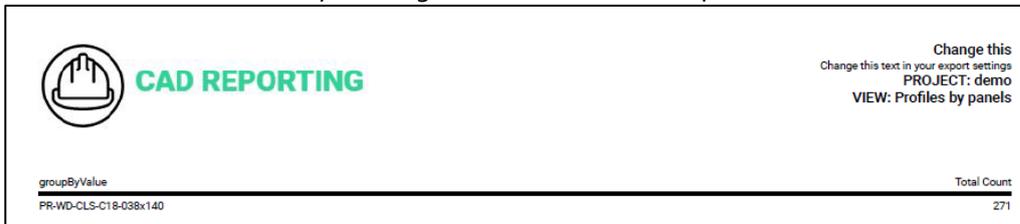
- When you click on a **panel number** (for example: F3), you get all the parts that belong to that specific panel
- When you click on a **category** (for example: ROOFPANEL), then you select all the panels that belong to this category
- When you click on a **level** (for example: 1 FLOOR), then you select all the panels that are drawn on this level

5.5 Data export to PDF

- Click on **Export**
- Click in the column of **PDF export** on **FULL VIEW**. The file is automatically saved in your download folder.



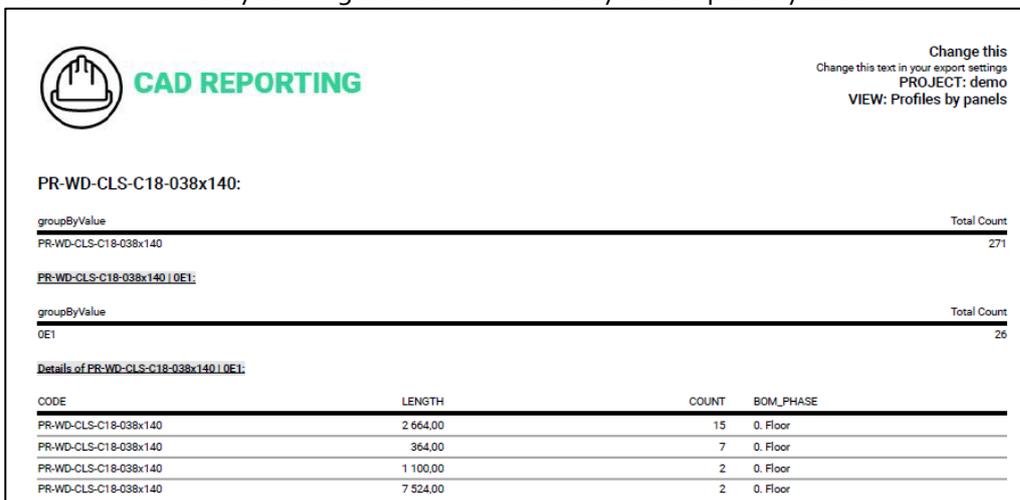
- **VIEW OVERVIEW** = Here you will get an overview of the quantities



The screenshot shows the 'VIEW OVERVIEW' export result. It displays a table with one row of data for the group 'PR-WD-CLS-C18-038x140' and a total count of 271.

groupByValue	Total Count
PR-WD-CLS-C18-038x140	271

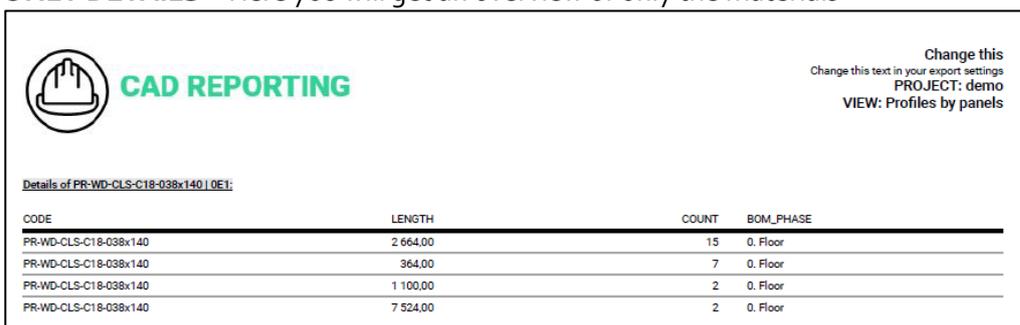
- **FULL VIEW** = Here you will get the overview that you composed yourself



The screenshot shows the 'FULL VIEW' export result. It displays a detailed table with columns for CODE, LENGTH, COUNT, and BOM_PHASE. The data is grouped by the code 'PR-WD-CLS-C18-038x140' and its sub-code 'OE1'.

CODE	LENGTH	COUNT	BOM_PHASE
PR-WD-CLS-C18-038x140	2 664,00	15	0. Floor
PR-WD-CLS-C18-038x140	364,00	7	0. Floor
PR-WD-CLS-C18-038x140	1 100,00	2	0. Floor
PR-WD-CLS-C18-038x140	7 524,00	2	0. Floor

- **ONLY DETAILS** = Here you will get an overview of only the materials



The screenshot shows the 'ONLY DETAILS' export result. It displays a detailed table with columns for CODE, LENGTH, COUNT, and BOM_PHASE. The data is grouped by the code 'PR-WD-CLS-C18-038x140' and its sub-code 'OE1'.

CODE	LENGTH	COUNT	BOM_PHASE
PR-WD-CLS-C18-038x140	2 664,00	15	0. Floor
PR-WD-CLS-C18-038x140	364,00	7	0. Floor
PR-WD-CLS-C18-038x140	1 100,00	2	0. Floor
PR-WD-CLS-C18-038x140	7 524,00	2	0. Floor

- Open the file that you downloaded
- In this file you get an overview of all the materials. If you filtered out a few materials, then these are the only ones you will see visible in the overview. Did you move some columns or deleted one, then these changes will be visible in the overview as well.



Change this
Change this text in your export settings
PROJECT: demo
VIEW: Profiles by panels

PR-WD-CLS-C18-038x140:

groupByValue	Total Count
PR-WD-CLS-C18-038x140	271

PR-WD-CLS-C18-038x140 | OE1:

groupByValue	Total Count
OE1	26

Details of PR-WD-CLS-C18-038x140 | OE1:

CODE	LENGTH	COUNT	BOM_PHASE
PR-WD-CLS-C18-038x140	2 664,00	15	0. Floor
PR-WD-CLS-C18-038x140	364,00	7	0. Floor
PR-WD-CLS-C18-038x140	1 100,00	2	0. Floor
PR-WD-CLS-C18-038x140	7 524,00	2	0. Floor

This is the result if you put all the columns visible:



Change this
Change this text in your export settings
PROJECT: demo
VIEW: Profiles by panels

PR-WD-CLS-C18-038x140:

groupByValue	Total Count
PR-WD-CLS-C18-038x140	271

PR-WD-CLS-C18-038x140 | OE1:

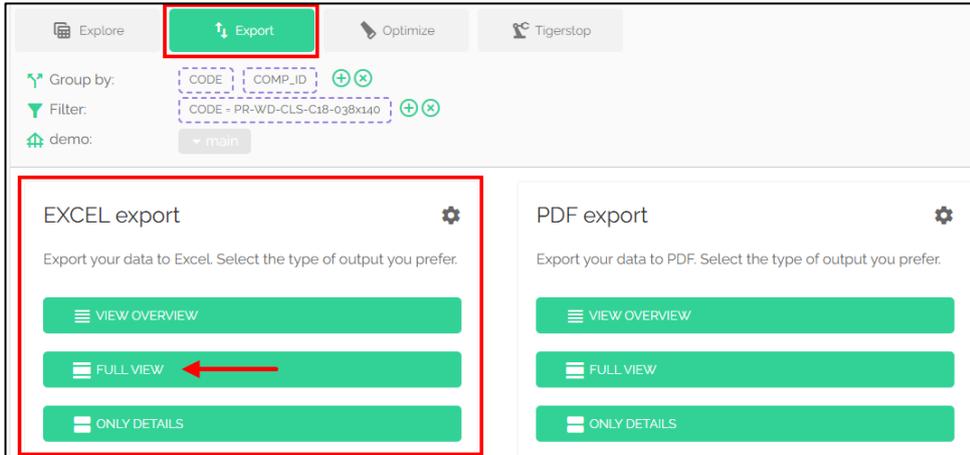
groupByValue	Total Count
OE1	26

Details of PR-WD-CLS-C18-038x140 | OE1:

CODE	COMP_ID	WIDTH	HEIGHT	LENGTH	COUNT	BOM_PHASE
PR-WD-CLS-C18-038x140	OE1	38,00	140,00	2 664,00	15	0. Floor
PR-WD-CLS-C18-038x140	OE1	38,00	140,00	364,00	7	0. Floor
PR-WD-CLS-C18-038x140	OE1	38,00	140,00	1 100,00	2	0. Floor
PR-WD-CLS-C18-038x140	OE1	38,00	140,00	7 524,00	2	0. Floor

5.6 Data export to EXCEL

- Click in the column of **EXCEL export** on **FULL VIEW**. The file is automatically saved in your download folder.



The screenshot shows the software interface with the 'Export' button highlighted in a red box. Below it, the 'EXCEL export' section is also highlighted in a red box, and the 'FULL VIEW' button is pointed to by a red arrow. The 'PDF export' section is visible to the right.

- Open the file that you downloaded
- You now get the overview in an Excel format

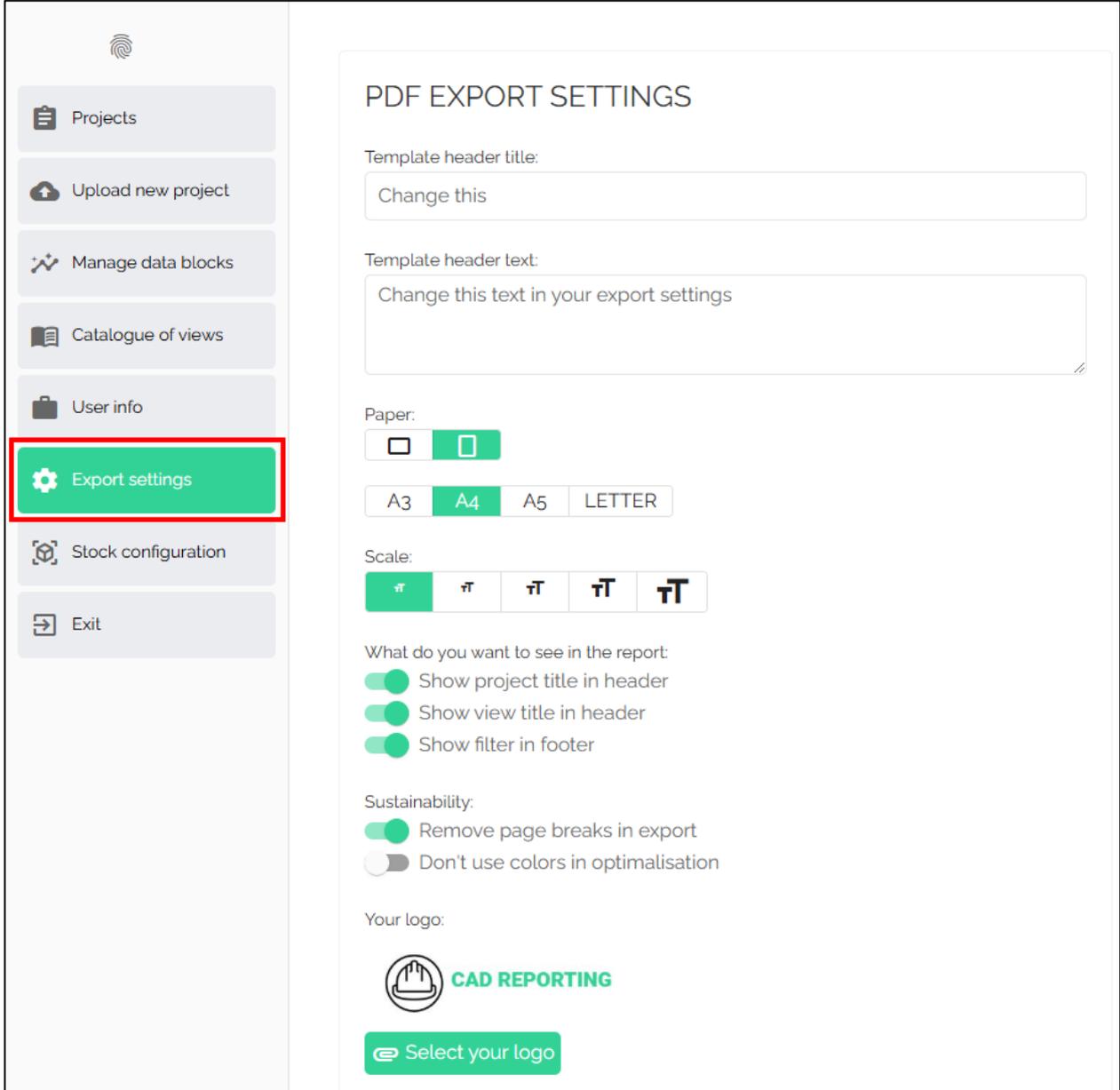
	A	B	C	D
1	PR-WD-CLS-C18-038x140			
2				
3	groupByValue		Total Count	
4	PR-WD-CLS-C18-038x140		271	
5				
6	OE1			
7				
8	groupByValue		Total Count	
9	OE1		26	
10				
11	CODE	LENGTH	COUNT	BOM_PHASE
12	PR-WD-CLS-C18-038x140	2664	15	0. Floor
13	PR-WD-CLS-C18-038x140	364	7	0. Floor
14	PR-WD-CLS-C18-038x140	1100	2	0. Floor
15	PR-WD-CLS-C18-038x140	7524	2	0. Floor

This is the result if you put all the columns visible:

	A	B	C	D	E	F	G
1	PR-WD-CLS-C18-038x140						
2							
3	groupByValue		Total Count				
4	PR-WD-CLS-C18-038x140		271				
5							
6	OE1						
7							
8	groupByValue		Total Count				
9	OE1		26				
10							
11	CODE	COMP_ID	WIDTH	HEIGHT	LENGTH	COUNT	BOM_PHASE
12	PR-WD-CLS-C18-038x140	OE1	38	140	2664	15	0. Floor
13	PR-WD-CLS-C18-038x140	OE1	38	140	364	7	0. Floor
14	PR-WD-CLS-C18-038x140	OE1	38	140	1100	2	0. Floor
15	PR-WD-CLS-C18-038x140	OE1	38	140	7524	2	0. Floor

5.7 Export settings

- Click on **Export settings**



PDF EXPORT SETTINGS

Template header title:
Change this

Template header text:
Change this text in your export settings

Paper:

A3 A4 A5 LETTER

Scale:

What do you want to see in the report:

- Show project title in header
- Show view title in header
- Show filter in footer

Sustainability:

- Remove page breaks in export
- Don't use colors in optimisation

Your logo:

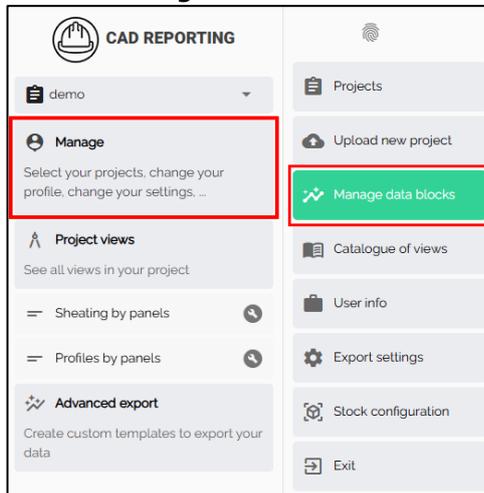
 CAD REPORTING

Select your logo

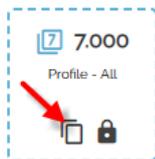
6 Create a data block

Before you create a new data block, you first create a project that contains all the materials and objects you would like to filter out of future projects. If you have created this project, then you upload it to the Material Reporting Tool.

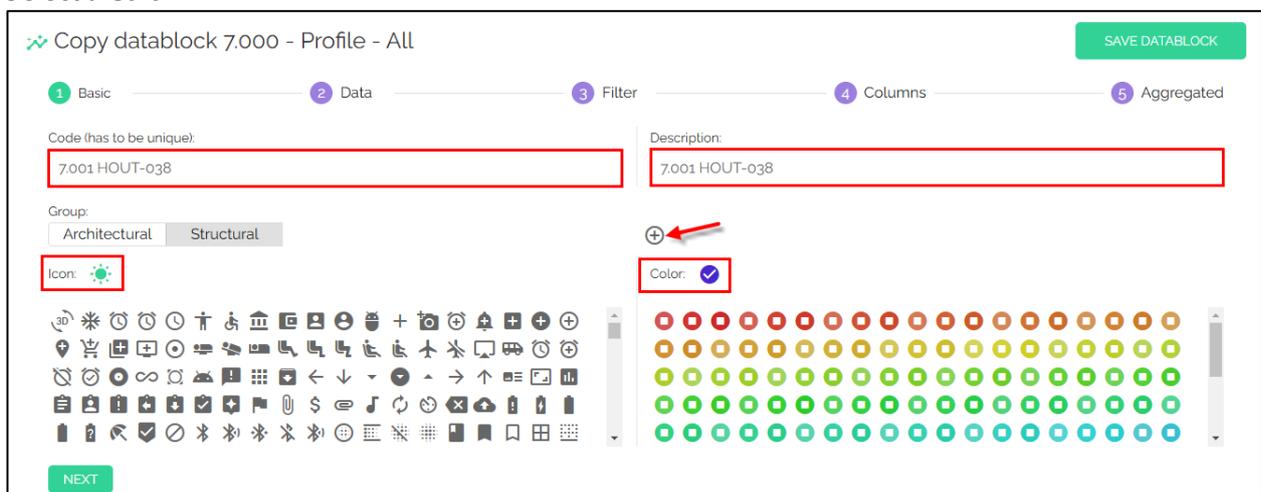
- Click on **Manage**
- Click on **Manage data blocks**



- Choose a data block that is closest to the data you would like to collect.
- Click on the **copy-icon**



- Fill in a **Code**
- Fill in the **Description**
- You can create your own **Group** by clicking on the plus icon (This way you can find your data blocks faster) (for example: **demo**) The groups you have selected will color gray, in these groups you can find your data block
- Select an **Icon**
- Select a **Color**



- Click on **NEXT**

- Here you can choose which data you want to collect

- When you click on **search for a path**, then you can select the data you want to collect. To know which data you need to choose, you need to open the **components.xml** in a notepad. In this file you can see the structure of the data.

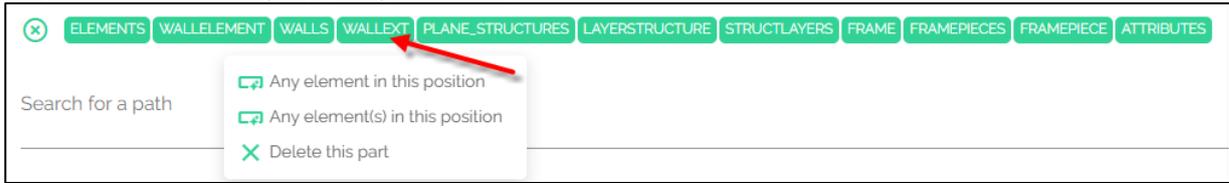
For example:

```

17 <ELEMENTS GUID="a9c1c43e-9896-4c5c-9afa-7939b26a0c2f">
18   <WALLELEMENT OID="8472" SUB_TYPE="UNDEFINED" GUID="d6f9095a-1f8f-489f-87b6-9e
19   <ATTRIBUTES>
33   <WALLS GUID="f388f62c-2dfb-4aa4-b1ca-18827a4b8467">
34     <WALLEXT OID="8237" PARENT_OID="6911" SUB_TYPE="UNDEFINED" GUID="9a95
35     <ATTRIBUTES>
40     <PLANE_STRUCTURES GUID="3b4552e5-ae2f-43af-8bab-2b9646f02a55">
41       <LAYERSTRUCTURE OID="8235" PARENT_OID="8237" SUB_TYPE="UNDEFI
42       <ATTRIBUTES>
46       <STRUCTLAYERS GUID="7b375081-fe40-4762-a804-e41c597a1b3c"
47         <SIDING OID="8205" PARENT_OID="8235" SUB_TYPE="UNDEFI
48         <ATTRIBUTES>
64         <SIDINGPIECES GUID="4f5e1a3e-81d4-40d7-b4c1-6ca11
1666       </SIDING>
1667       <SIDING OID="8230" PARENT_OID="8235" SUB_TYPE="UNDEFI
2067       <SUBFRAME OID="8210" PARENT_OID="8235" SUB_TYPE="BATT
2439       <SHEATHING OID="8225" PARENT_OID="8235" SUB_TYPE="UND
2833       <FRAME OID="8220" PARENT_OID="8235" SUB_TYPE="UNDEFIN
2834       <ATTRIBUTES>
2849       <FRAMEPIECES GUID="2c6f0888-b3a8-453b-807b-a988da
2850       <FRAMEPIECE OID="8541" PARENT_OID="8220" SUB_
2851       <ATTRIBUTES>
2852         <BOM_PHASE>0. Floor</BOM_PHASE>
2853         <CODE>PR-WD-CLS-C18-038x140</CODE>
2854         <COMP_ID>W1</COMP_ID>
2855         <CUTMODE>1</CUTMODE>
  
```

(See yellow marked text)

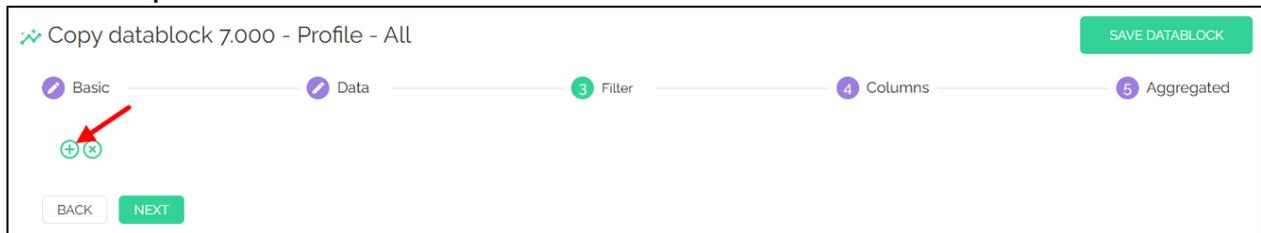
- When you click on a category you get three options:



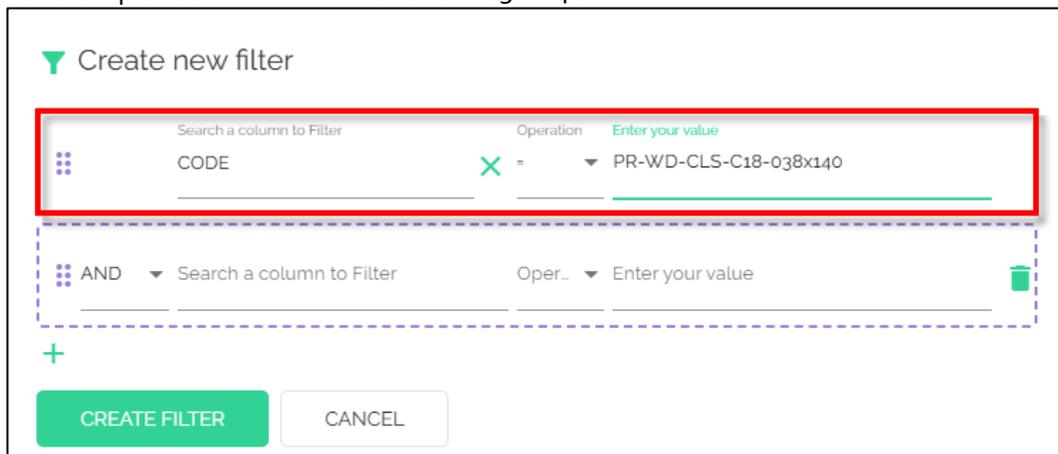
- **Any element in this position:** then you get others in this category (example: you apply this to WALLEXT, this means you now also address WALLINT)
- **Any element(s) in this position:** then you get everything that comes after this category (example: you apply this to WALLS and delete all the categories that follow. Now it is going to collect all the data of the walls, both plates and profiles and ...)
- **Delete this part:** When you select this, you delete a category

!WARNING, do not add the same data twice otherwise this data will be counted double.

- Click on **NEXT**
- Click on the **plus icon** to create a filter



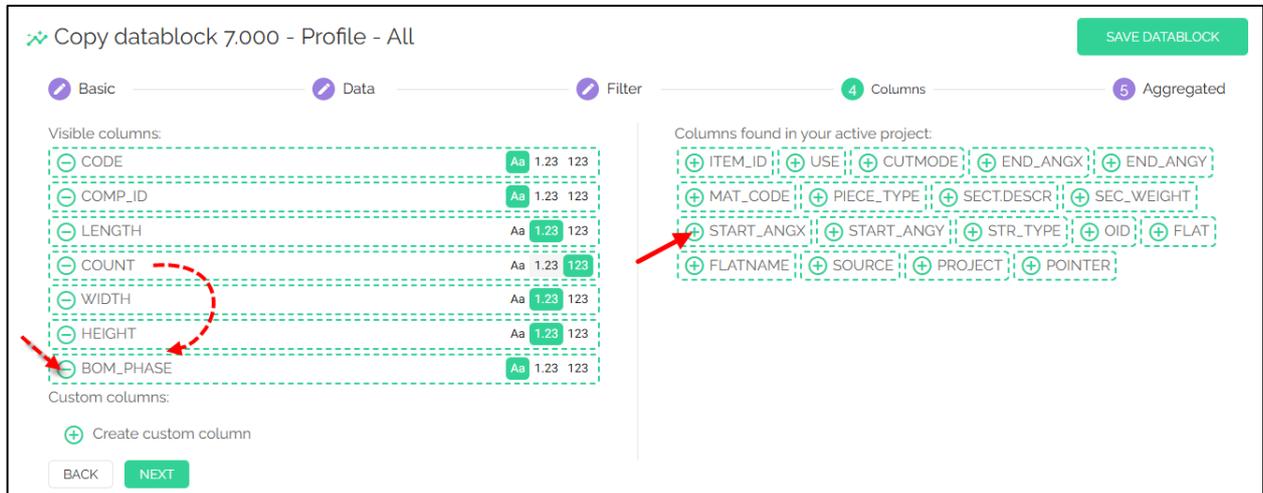
- Fill in the columns with the value you want to filter
For example: CODE = PR-WD-CLS-C18-038x140



- Click on **CREATE FILTER**
- Click on **NEXT**

- You will see two lists of data. The left-hand list contains all selected data; these are visible in the overview. The right-hand column contains data that are not selected. You can add these by clicking on the plus icon. The columns that should not be displayed in the overview can be removed by clicking on the minus icon.

The order of display can be changed by grabbing a row and dragging it up or down and releasing it at the new location.



- Each column gives three options:



- **Aa**: text
- **1.23**: number with two digits after the comma
- **123**: rounded number

Example 1:

Example of data visible:

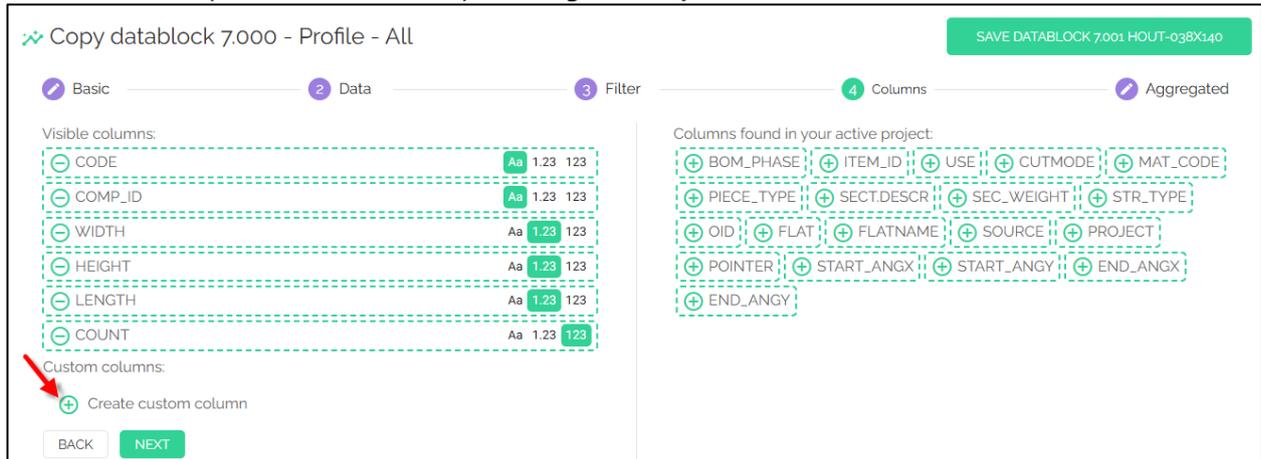
Group By Value		Total Count	Total Length (mm)	Group By Value			
7.001 HOU		271	551 120,60	PR-WD-CLS-C18-038x140			
CODE	COMP...	LENGTH	COUNT	WIDTH	HEIGHT	BOM_PHASE	
PR-WD-CLS-C18-038x140	0E1	2 664,00	15	38,00	140,00	0. Floor	
PR-WD-CLS-C18-038x140	0E1	364,00	7	38,00	140,00	0. Floor	

- Example 2:

Example of data visible:

Group By Value		Total Count	Total Length (mm)	Group By Value		
7.001 HOU		271	551 120,60	PR-WD-CLS-C18-038x140		
CODE	COMP...	WIDTH	HEIGHT	LENGTH	COUNT	
PR-WD-CLS-C18-038x140	0E1	38,00	140,00	2 664,00	15	
PR-WD-CLS-C18-038x140	0E1	38,00	140,00	364,00	7	

- You can create your own column by clicking on the **plus icon** next to **create custom column**



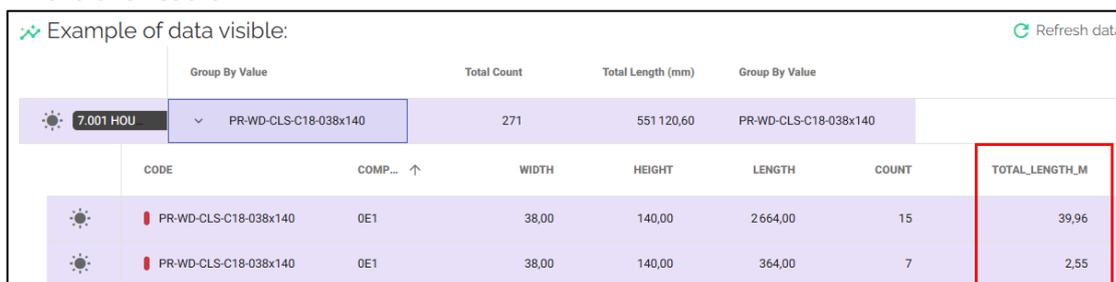

- Choose a **text or number** (Aa, 1.23, 123)
- Give the column a **name**
- Select the data you want to calculate with in the **column** section
- Choose an **operation** (+ - x :)
- Select the data you want to calculate with in the **column** section or click on **insert own value** if you want to type in an amount of your choosing
- You can add an extra row by clicking on the **plus icon**

- Click on **ADD**

Example:



This is the result:



Group By Value		Total Count	Total Length (mm)	Group By Value		
7.001 HOU		271	551 120,60	PR-WD-CLS-C18-038x140		
PR-WD-CLS-C18-038x140	0E1		38,00	140,00	2664,00	15
PR-WD-CLS-C18-038x140	0E1		38,00	140,00	364,00	7
						TOTAL_LENGTH_M
						39,96
						2,55

- Click on **NEXT**
- In the aggregated section, you can add a total of certain information to your summary

Copy datablock 7.000 - Profile - All SAVE DATABLOCK

Basic Data Filter Columns 5 Aggregated

Use 'sum count' to make the sum of values that depends on the number of rows. (Ex. Total length)
 Use 'sum' to make the sum of values that don't depend on the number of rows (Ex. for the Total count)

Aa	1.23	123	Total Count	sum	COUNT	⊖
Aa	1.23	123	Total Length (mm)	sum count	LENGTH	⊖

⊕

Example of data visible:

Group By Value		Total Count	Total Length (mm)	Group By Value
	7.001 HOU	271	551 120,60	PR-WD-CLS-C18-038x140

- Choose a **text or number (Aa, 1.23, 123)**
- Give the column a **name**
- Choose an **operation (+ - x :)**
- Select the data you want to calculate with in the **column** section
- You can delete a row by clicking on the **minus icon**
- You can add an extra row by clicking on the **plus icon**

Example:

Aa	1.23	123	Total Length (m)	sum	TOTAL_LENGTH_M	⊖
----	------	-----	------------------	-----	----------------	---

This is the result:

Example of data visible:

Group By Value		Total Length (m)	Group By Value
	7.001 HOU	551,13	PR-WD-CLS-C18-038x140

- Click on **SAVE DATABLOCK**

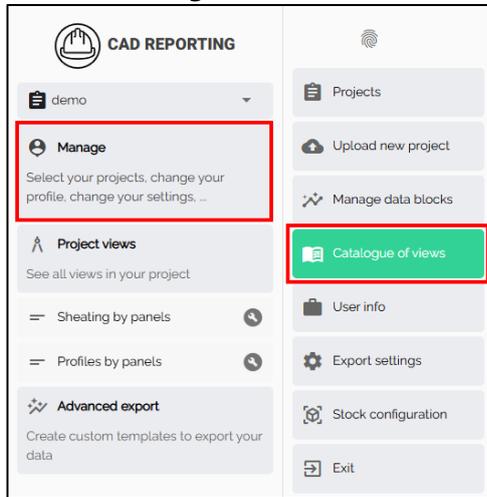
You have now created a new data block



- **Wrench icon** = adjust the data block
- **Minus icon** = delete the data block
- **Copy-icon** = make a copy

7 Create a view

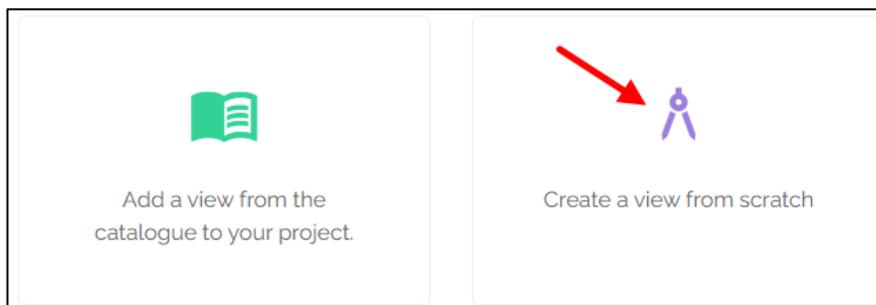
- Click on **Manage**
- Click on **Catalogue of views**



- Click in the top right corner on **ADD VIEW**



- Click on **Create view from scratch**



- **Add a view from the project catalogue to your project** = when you have opened a project, you can add an extra view that already exists in the database
- **Create a view from scratch** = create a new view

- Fill in a **name**
- Fill in a **description**
- You can create your own **group** by clicking on the **plus icon** (this way you can find your views faster) (example: **demo**). The groups that are selected will have a gray color, in the groups you can find your views
- Choose an **icon**
- Select a **data block** by clicking on the **plus icon** inside a data block (you can select multiple data blocks)
- Click on **CREATE PROJECT VIEW** (you have added the view to your project)
- Click next on **CREATE AS DEFAULT** (you have saved the view in your database for later use in other projects)

Create new project view

Name of your view:
7.001 HOUT-038x140

Description of your view:
7.001 HOUT-038x140

Groups:
Structural Architecture **demo** +

Icon:

Data that will be visible in your view:
Drop your datablocks here

CREATE PROJECT VIEW

CREATE AS DEFAULT

* This will add a new view in your catalogue. You can add it afterwards to a project.

CAD REPORTING

demo

Manage
Select your projects, change your profile, change your settings...

Project views
See all views in your project

- Sheathing by panels
- Profiles by panels
- 7.001 HOUT-038x140**

Advanced export
Create custom templates to export your data

Explore Export Optimize Tigerstop

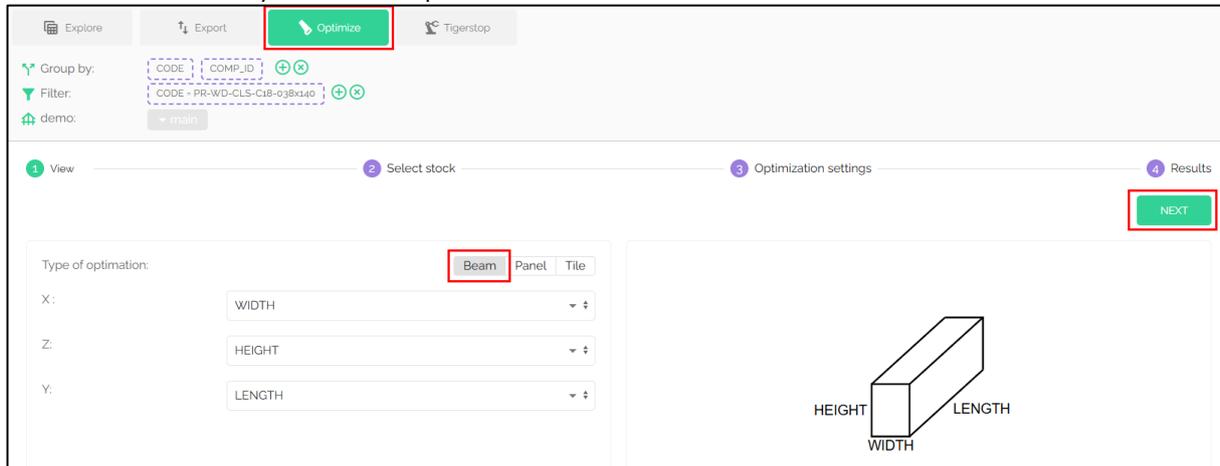
Group by: CODE
Filter: NO FILTER CREATED
demo: main

Group By Value		Total Length (m)			
7.001 HO	PR-WD-CLS-C18-038x140	551,13			
COMP_ID	WIDTH	HEIGHT	LENGTH	COUNT	TOTAL_LENGTH_M
0E1	38,00	140,00	2 664,00	9	23,98
0E1	38,00	140,00	364,00	7	2,55
0E1	38,00	140,00	2 664,00	2	5,33
0E1	38,00	140,00	2 664,00	4	10,66
0E1	38,00	140,00	1 100,00	2	2,21

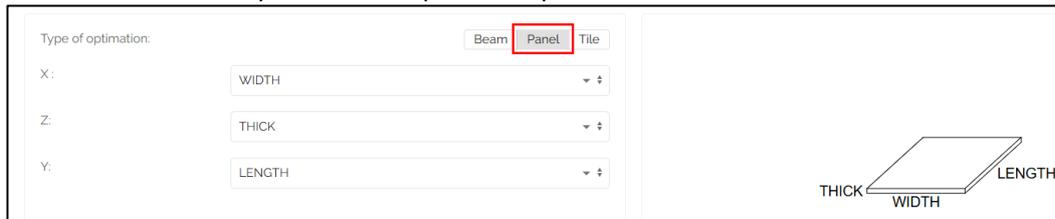
OPTIMIZATION MODULE

8 Optimization

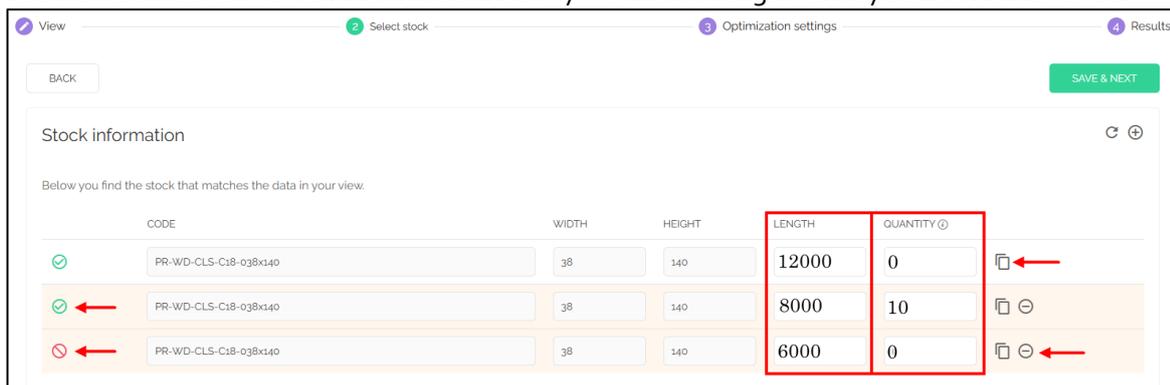
- Click on **Optimize**
- Click on **Beam** when you want to optimize a beam



- Click on **Panel** when you want to optimize a panel



- Click on **NEXT**
- You now come to the stock information. Here you can add lengths that you would like to use.



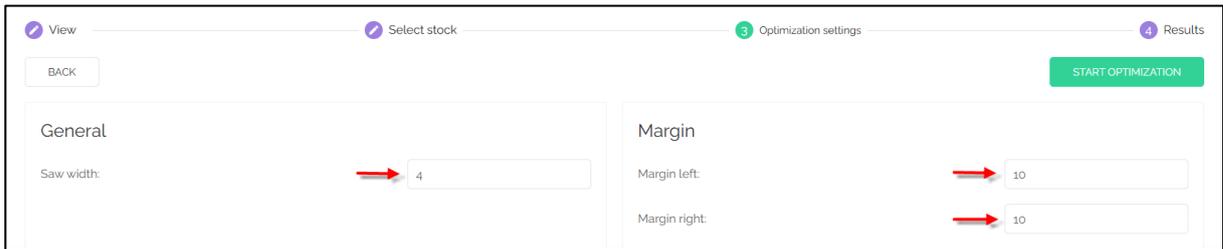
CODE	WIDTH	HEIGHT	LENGTH	QUANTITY	
PR-WD-CLS-C18-038x140	38	140	12000	0	←
PR-WD-CLS-C18-038x140	38	140	8000	10	←
PR-WD-CLS-C18-038x140	38	140	6000	0	←

- **LENGTH** = here you fill in the length of the wood
- **QUANTITY** = here you give in the amount of wood you have in stock. You could also fill in '0' (zero), then you have an infinite amount in stock.
- Next to quantity you have a **copy-icon**. By pressing this you copy a row.
- When you press the **minus icon**, then you delete a row.
- On the left-hand side you see a **checkmark icon**. When you click on it, it will change to a **ban sign icon**. This means that the wood is no longer in stock and won't be used for the optimization

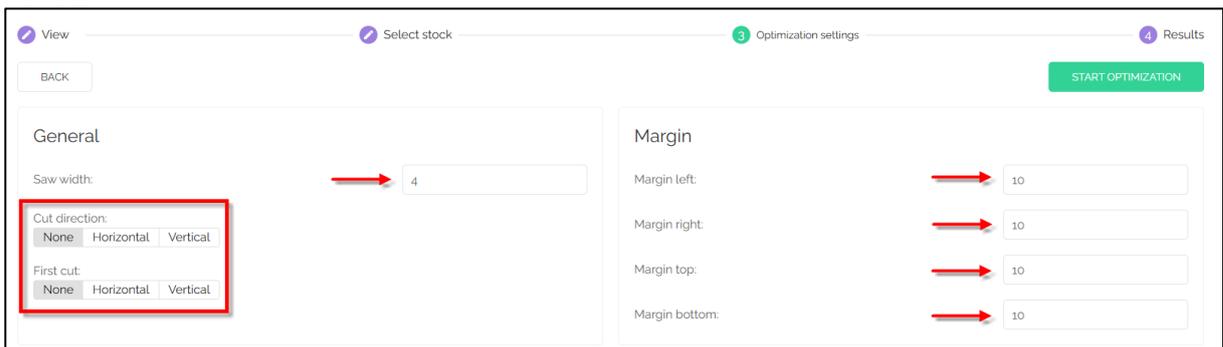
- Click on **SAVE & NEXT**

- Fill in the **saw width**
- Fill in the **margin** for the left and right end of the beam

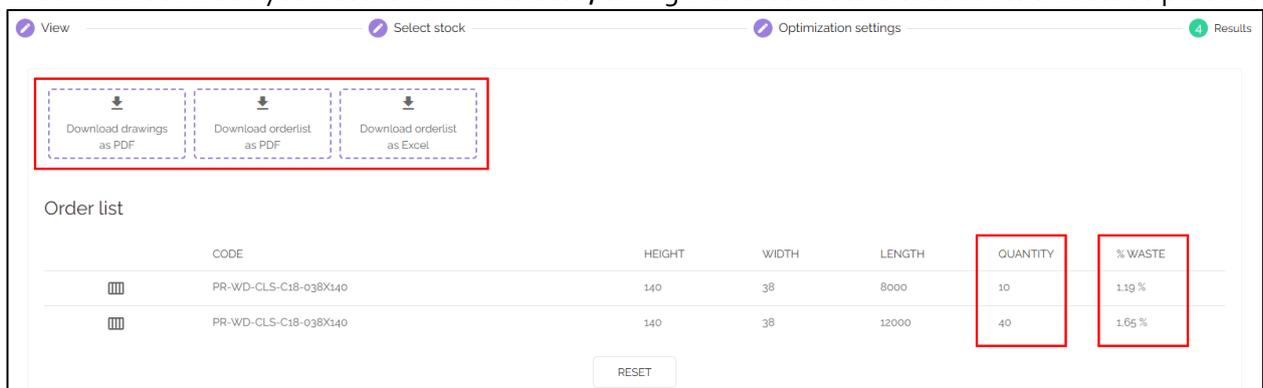
○ **Beams:**



○ **Panels:**



- Click on **START OPTIMIZATION**
- The amount of wood you need is now calculated, taking into account to create as little waste as possible.



	CODE	HEIGHT	WIDTH	LENGTH	QUANTITY	% WASTE
	PR-WD-CLS-C18-038X140	140	38	8000	10	1.19 %
	PR-WD-CLS-C18-038X140	140	38	12000	40	1.65 %

▪ You can now export an overview in three ways:

○ Download drawings as PDF

3018 (1x1E5)	1724 (1x1E3)	1292 (1x1E1)	1292 (1x1E1)	1292 (1x1E1)	1134 (1x0E1)	1100 (1x0E3)	1100 (1x0E4)	
● 3018 (1x1E5)	● 1724 (1x1E3)	● 1292 (1x1E1)	● 1292 (1x1E1)	● 1292 (1x1E1)	● 1134 (1x0E1)	● 1100 (1x0E3)	● 1100 (1x0E4)	
Material	LENGTH	WIDTH	HEIGHT	Quantity	Cut width	Cuts	Date	COMPONENTS
PR-WD-CLS-C18-038X140	12000	38	140	1	4	9	17/2/2025 16:59:57	1E5,1E3,1E1,0E1,0E3,0E4



● 1200 x 300 (1x0E4)	● 1200 x 802 (1x1E3)	● 1100 x 300 (1x0E6)	● 400 x 300 (1x0E5)	● 782 x 300 (1x0E3)	● 1100 x 705 (1x1E3)			
Material	LENGTH	WIDTH	THICK	Quantity	Cut width	Cuts	Date	COMPONENTS
SH-WD-OSB-0180X1220X2440	2440	1220	18	1	4	10	17/2/2025 16:48:06	0E4,1E3,0E6,0E5,0E3

○ Download orderlist as PDF

	CAD REPORTING				
CODE	HEIGHT	WIDTH	LENGTH	QUANTITY	WASTE
PR-WD-CLS-C18-038X140	140	38	12000	42	1 %
PR-WD-CLS-C18-038X140	140	38	8000	1	80 %

	CAD REPORTING				
CODE	THICK	WIDTH	LENGTH	QUANTITY	WASTE
SH-WD-OSB-0180X1220X2440	18	1220	2440	119	8 %

○ Download orderlist as Excel

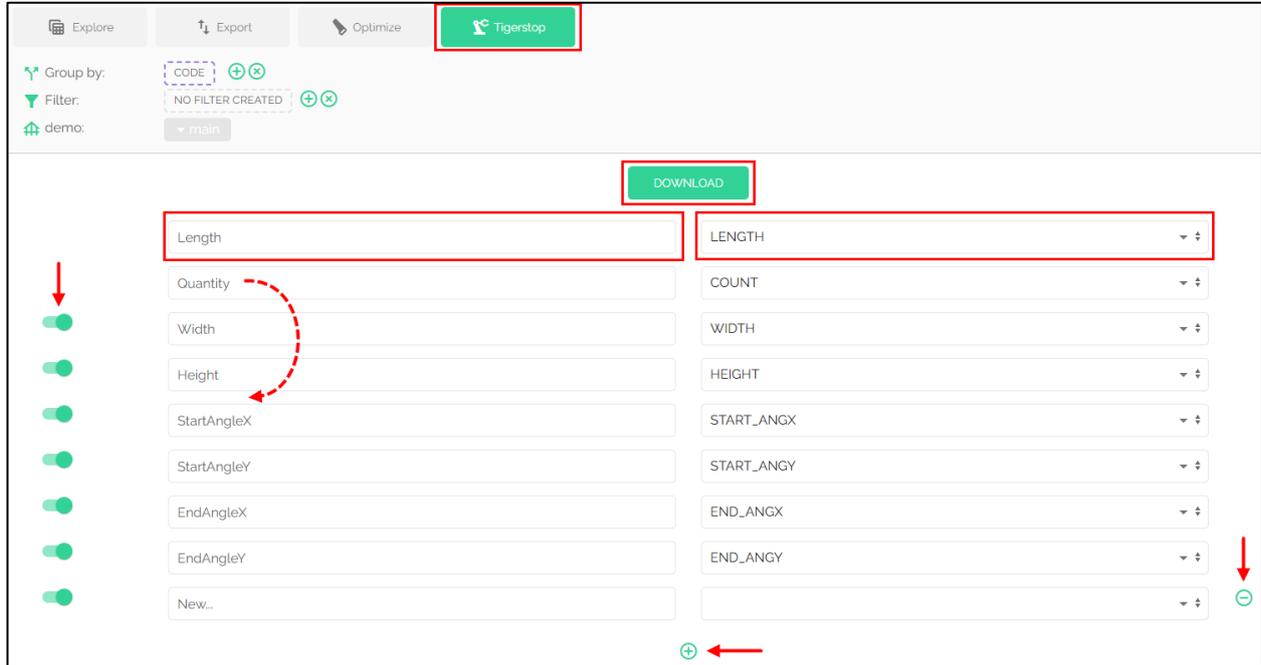
	A	B	C	D	E	F
1	CODE	HEIGHT	WIDTH	LENGTH	QUANTITY	WASTE
2	PR-WD-CLS-C18-038X140	140	38	12000	42	1 %
3	PR-WD-CLS-C18-038X140	140	38	8000	1	80 %

	A	B	C	D	E	F
1	CODE	THICK	WIDTH	LENGTH	QUANTITY	WASTE
2	SH-WD-OSB-0180X1220X2440	18	1220	2440	119	8 %

TIGERSTOP MODULE

9 Tigerstop

- Click on **Tigerstop**



- In the left column you can fill in a **description**
- In the right column you can choose which **data** you need (you can only select data that is added in the columns section inside the data block)

Visible columns:		
<input type="checkbox"/>	CODE	Aa 1.23 123
<input type="checkbox"/>	COMP_ID	Aa 1.23 123
<input type="checkbox"/>	ITEM_ID	Aa 1.23 123
<input type="checkbox"/>	WIDTH	Aa 1.23 123
<input type="checkbox"/>	HEIGHT	Aa 1.23 123
<input type="checkbox"/>	LENGTH	Aa 1.23 123
<input type="checkbox"/>	COUNT	Aa 1.23 123
<input type="checkbox"/>	TOTAL_LENGTH_M	Aa 1.23 123
<input type="checkbox"/>	START_ANGX	Aa 1.23 123
<input type="checkbox"/>	START_ANGY	Aa 1.23 123
<input type="checkbox"/>	END_ANGX	Aa 1.23 123
<input type="checkbox"/>	END_ANGY	Aa 1.23 123

- By clicking on the **button** on the left of a row you can turn on or off that row
- You can add a new row by clicking on the **plus icon**
- When you want to change the order of the rows, you can grab a row and then move it to a different position
- By clicking on the **minus icon** you delete a row

- Click on **DOWNLOAD**

- Open the **Excel file** that is saved in your download folder

	A	B	C	D	E	F	G	H
1	LENGTH	WIDTH	HEIGHT	COUNT	START_ANGX	START_ANGY	END_ANGX	END_ANGY
2	2664	38	140	10	0	0	0	0
3	186	38	140	5	0	0	0	0
4	2262	38	140	2	0	0	0	0
5	2664	38	140	2	0	0	0	0
6	2664	38	140	4	0	0	0	0
7	2176	38	140	2	0	0	0	0
8	7384	38	140	1	0	0	0	0
9	7384	38	140	1	0	0	0	0
10	3574	38	140	5	0	0	0	0
11	1860	38	140	1	0	0	0	0
12	1860	38	140	1	0	0	0	0
13	3556.8	38	140	1	-35	0	0	0
14	3136.7	38	140	1	-35	0	0	0
15	2716.6	38	140	1	-35	0	0	0
16	2296.4	38	140	1	-35	0	0	0
17	1876.3	38	140	1	-35	0	0	0
18	3140	38	140	1	0	0	0	0
19	1469.5	38	140	1	0	0	-35	0

- When you turn off rows or change their position, you will see these changes also in your export file

Example:

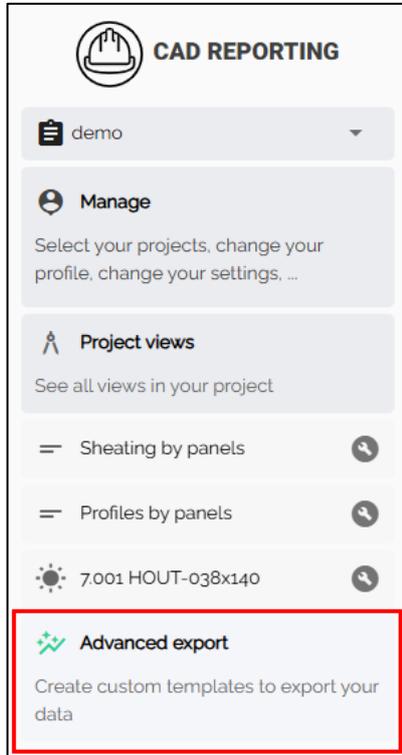
	A	B	C	D
1	LENGTH	COUNT	WIDTH	HEIGHT
2	2664	10	38	140
3	186	5	38	140
4	2262	2	38	140
5	2664	2	38	140
6	2664	4	38	140

! Warning, the Tigerstop can only saw beams with a single angled cut. When the beam has a double angled cut, you need to create a BTL-export.

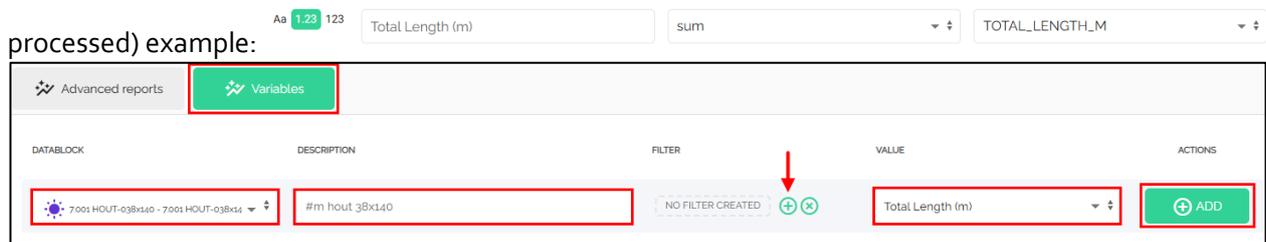
ADVANCED EXPORT MODULE

10 Advanced export

- Click on **Advanced export** (you need to have a project opened)

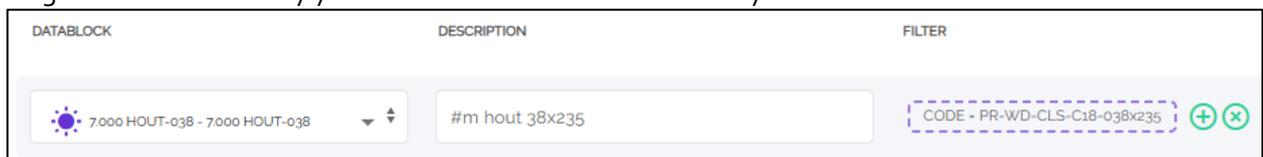


- Click on **Variables**
- Choose a **data block**
- Fill in a **Description**
- You can create an extra **filter**
- Choose which data you want to collect underneath **VALUE** (the data you can choose depends on the data block that you have chosen. The aggregated section of the data block determines which data will be processed) example:



- Click on **ADD**

Example: you have created a data block with a built-in filter that extracts all sizes of wood with a width of 38mm. You can now use this data block and start adding another filter so that you only extract one height of wood. This way you limit the amount of data blocks you need to create.



- Create a new **Excel file**
- Create your own template

Example:

	A	B	C	D	E
1					
2		HOUT			€ 0,00
3		Houtsectie	# m	Prijs/m	Totaal prijs
4		CLS-C18-038x089		€ 2,15	€ 0,00
5		CLS-C18-038x140		€ 3,40	€ 0,00
6		CLS-C18-038x235		€ 5,82	€ 0,00
7					

- Go back to the Material Reporting Tool
- Click on the **copy-icon** (by clicking on this icon you copy a code that you need to add to your Excel template)

CODE	DATABLOCK	DESCRIPTION	FILTER	VALUE	ACTIONS
	7.000 HOUT-038 7.000 HOUT-038	#m hout 38x235	CODE - PR-WD-CLS-C18-038x235	Total Length (m) Value: 485.81499999999977	
	7.000 HOUT-038 7.000 HOUT-038	#m hout 38x089	CODE - PR-WD-CLS-C18-038x089	Total Length (m) Value: 107.822	
	7.000 HOUT-038 7.000 HOUT-038	#m hout 38x140	CODE - PR-WD-CLS-C18-038x140	Total Length (m) Value: 551.1206000000001	

○ **Minus icon** = delete a row

- Open the Excel file and paste the code in the correct cell
- Your Excel file will look like this:

	A	B	C	D	E
1					
2		HOUT			#WAARDE!
3		Houtsectie	# m	Prijs/m	Totaal prijs
4		CLS-C18-038x089	fw7v4c6lif8	€ 2,15	#WAARDE!
5		CLS-C18-038x140	dbu9md92b2c	€ 3,40	#WAARDE!
6		CLS-C18-038x235	dq02fg98tta	€ 5,82	#WAARDE!
7					

- **SAVE**
- **Close** the Excel file

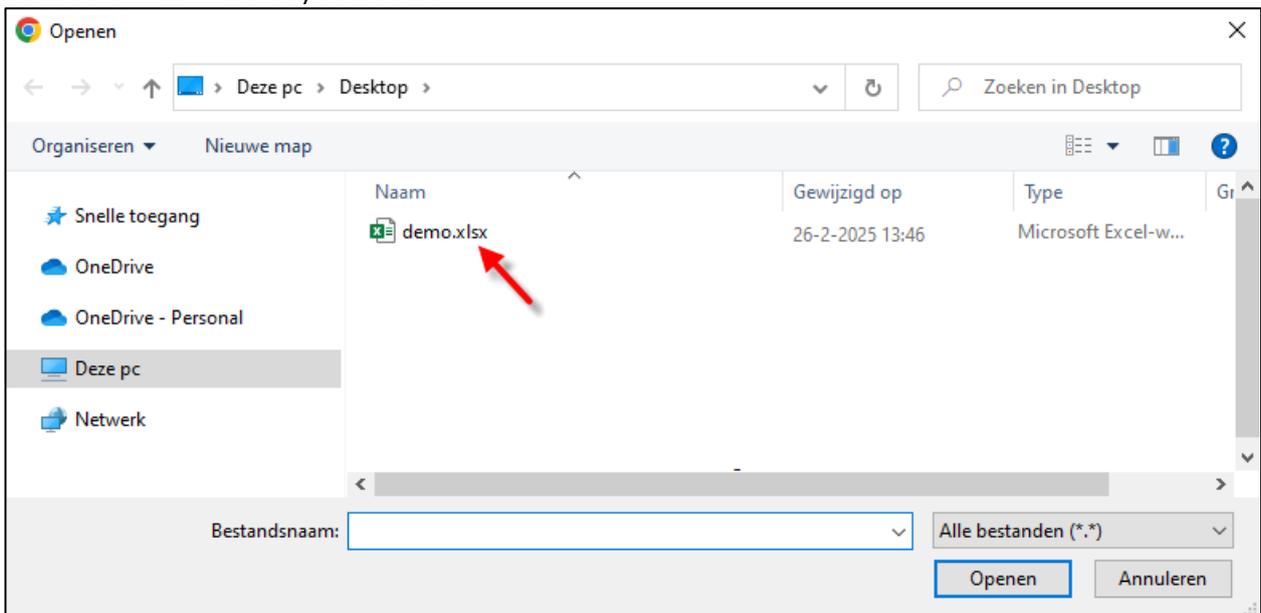
- Go back to the Material Reporting Tool
- Click on **Advanced reports**



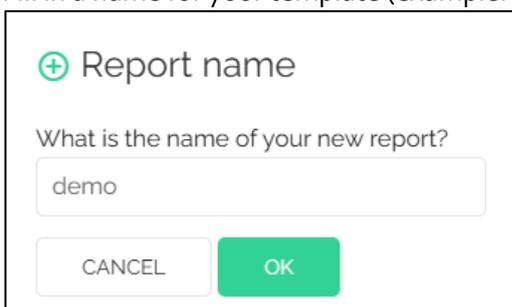
- Click on **ADD EXCEL REPORT**



- Select the Excel file that you created



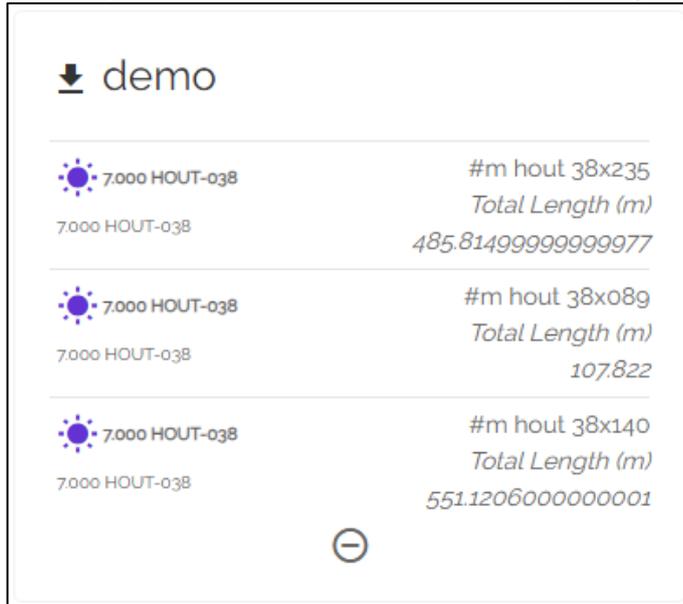
- Click on **Open**
- Fill in a name for your template (example: demo)



- Click on **OK**

! Warning, when you make changes to the template you need to reload this template in your Material Reporting Tool. Delete the previous template when you want to remain the same name.

- The template is now added to the Material Reporting Tool (you can see which variables are used)



- Click on the **template**
- Open the Excel file that is in your download folder

Result:

	A	B	C	D	E
1					
2		HOUT			€ 4.933,07
3		Houtsectie	# m	Prijs/m	Totaal prijs
4		CLS-C18-038x089	107,82	€ 2,15	€ 231,82
5		CLS-C18-038x140	551,12	€ 3,40	€ 1.873,81
6		CLS-C18-038x235	485,82	€ 5,82	€ 2.827,44
7					