
17 October 2023

EDAP – PowerBI Reports

User Guidance - Hints & Tips

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1. Introduction

1.1 Objective of this guidance

The purpose of this document is to provide guidance in the usage of the PowerBI Reports available in the EDAP (EBA Data Access Portal), including an overview of the Reports available in the EDAP, then elaborating on capabilities.

1.2 Reports Overview

In EDAP the user can find the following report types:

- **Configuration Reports** – These reports mirror the system configuration, reports with metadata information. Some examples are configuration tables (such as CRUD, Optionality...) or simply reference data tables (such as Code List Report).
- **Business Reports** – These reports show business data, reports with relevant business information for the Entity. Some examples are the Master Data or the Calendar Reports.

All users with access to any type of master data or calendar data will have access to the configuration reports.

The next two tables provide additional information about each of the reports available on the Portal. The Report Category indicates in which section of the Portal each of the reports may be found.

Overview of the Configuration Reports

Report Category	Reporting Short Name	Report Name	Report Description
Master Data – Property Configuration	CRUD Matrix	CRUD Matrix for Property in Master Data	Configuration table that defines the relationship between Properties, Entity Types and Data Collections and whether the properties may be Created, Updated or Deleted (Removed) in a specific context of the above attributes.
Master Data – Property Configuration	Optionality Matrix	Optionality Matrix for Property in Master Data	Configuration table that defines the relationship between Properties and Entity Types and the optionality attributed to these combinations – i.e., mandatory – M, optional- O, not permitted - NP or rule based (Conditional) – C, if rule based the

Report Category	Reporting Short Name	Report Name	Report Description
			optionality rule is defined in the master data business rules report.
Master Data – Property Configuration	Entity Type / Data Collection	Property by Entity Type and Data Collection and Technical Details	Shows all Property attributes including to what Message Type, Data Collection(s), Entity Types the property is aligned.
Master Data – Property Configuration	Property Domain	Property Domain-Data Type/Code List/ID/Name/Length/Multi-Valued/Message Type	Defines the property domains, including data type, code list type and code list values, length and multivalued status (where applicable).
Master Data – Property Configuration	Master Data Validation Rules	Master Data Property Validation Rules	Defines the Master Data Validation Rules and applicable operations and entity types.
Calendar – Calendar Configuration	Default Obligation and Rules	Default Obligation and Rules	Defines the Default Obligations and Rules by Report Object Code (Report and Template) and Entity Type/Subtype. Includes the conditions by which status and frequency of obligations are determined if rule/property based.
Calendar – Calendar Configuration	Calendar Rules	Calendar Rules	Configuration table that defines the Calendar Rules configuration, including applicable report objects (report or template identifiers), properties and entity types/subtypes.
Master Data – Property Configuration	Code Lists	Code Lists	Defines all Code Lists available in EUCLID, including name, description and applicable property which is constrained by the code list.
Master Data – Property Configuration	Code List Codes	Code List Codes	For each Code List, this report defines the constituent code list values which are available for selection in the EUCLID list of values either in the UI or via JSON, note some properties are subject to additional master data rules.

Overview of the Business Reports

A user may see master data or a calendar if they have the requisite rights on EUCLID to view such data, hence not all available content options will be visible and therefore accessible to all users, as the visibility of content depends on the users' access privileges. Public data reports will be accessible to any user with access to the portal. In principle, users who maintain or send master data to EBA or maintain or send report data to EBA may view only their associated master data or calendar data.

Report Category	Reporting Short Name	Report Name	Report Description
Master Data	Effective Change Dates	Master Data - Effective Change Dates	<p>The Master Data Items are displayed in the rows of the report and the Effective Dates of when the Master Data Items values were materially changed are displayed in the columns. A column will only appear if a change has been successfully applied to the master data on that date.</p> <p>This report is split according to Data Collection/Calendar Type as follows::</p> <ul style="list-style-type: none"> - Credit Institutions and Branches - CIR - Supervisory - Resolution - Remuneration - Payments
Master Data	Entity Versions	Master Data - Entity Versions	<p>The Master Data Items are displayed as columns and the content in the cells are the value(s) of that Master Data Item for each specific period of time defined on each row. This report will show all data defined for the entity for each time period for which there is a distinct set of master data available, all data will be listed irrespective of whether a material change has been affected on the master data value, such that a user can see at a glance the full state of the master data on a particular reference date. This report is split according to Data Collection/Calendar Type as follows:</p> <ul style="list-style-type: none"> - Credit Institutions and Branches - CIR - Supervisory - Resolution - Remuneration - Payments
Public Registers	Credit Institutions Register	Credit Institutions Register	<p>Allows the user to see all CIR public information. The Master Data Items are displayed as columns and the content in the cells are the value(s) of that Master Data Item as of the current date.</p>
Calendar	Reporting Calendars	Reporting Calendars	<p>The user may see the Calendar records through a Module view or Template view. This report is split according to Calendar Type as follows:</p> <ul style="list-style-type: none"> - Supervisory - Banks - Supervisory - Investment Firms - Remuneration - Banks - Remuneration - Investment Firms - Resolution - Banks - Payments
Calendar	Reporting Obligations	Reporting Obligations	<p>The user may see the Obligations records through a Module view or Template view. This report is split according to Calendar Type as follows :</p> <ul style="list-style-type: none"> - Supervisory - Banks - Supervisory - Investment Firms - Remuneration - Banks

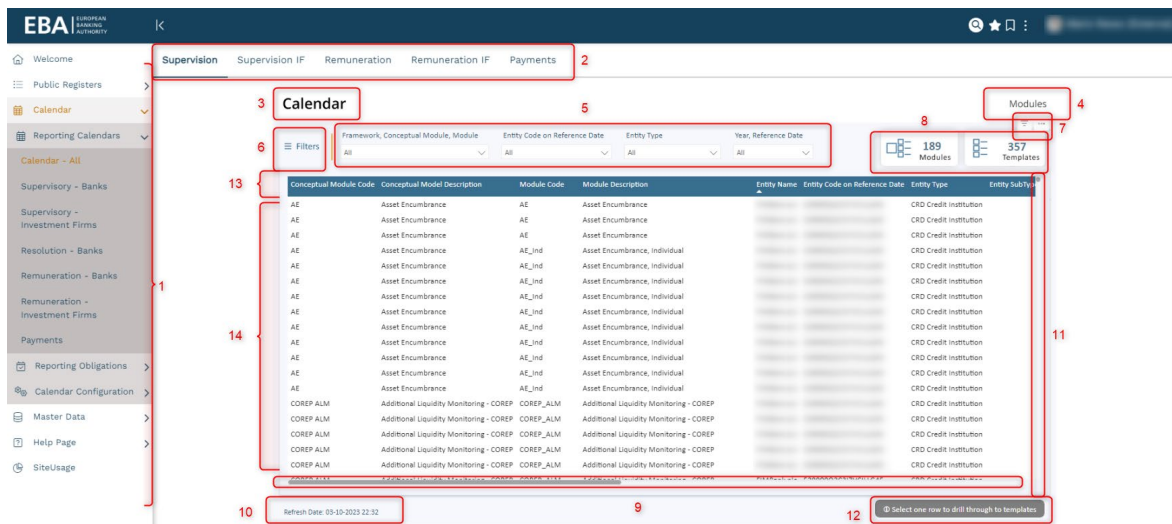
Report Category	Reporting Short Name	Report Name	Report Description
			- Remuneration - Investment Firms
			- Resolution - Banks
			- Payments

2. Reports specific guidance

2.1 Reports Structure

2.1.1 Main Report Components

Main Report Components



The figure above shows the main Report components. Below is a description of the components based on the image numbering:

1. Left side menu – where the user can see the Report Categories and additional pages (like the Welcome Page and Help Page).
2. Report tabs–where the user can select the Data Collection/Calendar they intend to view. Each Report may have more than one tab. The user will see the tabs according to their permissions.
3. Report Short Name – indicates the abbreviated name of the Report.
4. Granularity OR Detailed Name of the Report – for Reports with the drill-down capability this indicates the granularity, for example: for Calendar Reports we will see the “Modules” and “Templates” granularity. For Reports without this feature the detailed name of the Report is displayed. Granularity is relevant for Calendar and Obligation Reports.
5. Primary Filters section –the primary filters are displayed here.

6. Secondary Filters section – here the user can click on the icon and a new filter pane will be displayed with all the available secondary filters.
7. Additional PowerBI Options – here the user is able to select additional features (for instance, export the data,...).
8. Granularity Totals – this is only available for Reports with the drill-down capability. This indicates the total number of different Modules and Templates present.
9. Horizontal scroll bar –the user may move to view all of the columns.
10. Data Refresh information – indication when the last data refresh occurred.
11. Lateral scroll bar –the user may move to view all of the rows.
12. Note to the user – this is only available for Reports with the drill-down capability. This indicates to the user that they may select a specific Module and see all the Templates beneath it.
13. Report Header – indicates the name of the columns.
14. Report Content – all data available according to the user permissions and filters applied.

2.2 Report Capabilities

2.2.1 How to filter the data?

The data displayed in the report is filtered implicitly based on the user’s access permissions, the user will not see data for which they do not have the requisite access permissions.

However, the user may apply additional filters to the data available. The user may use all of the filters visible in the Primary Filters section and in the Secondary Filters section.

Primary Filters section

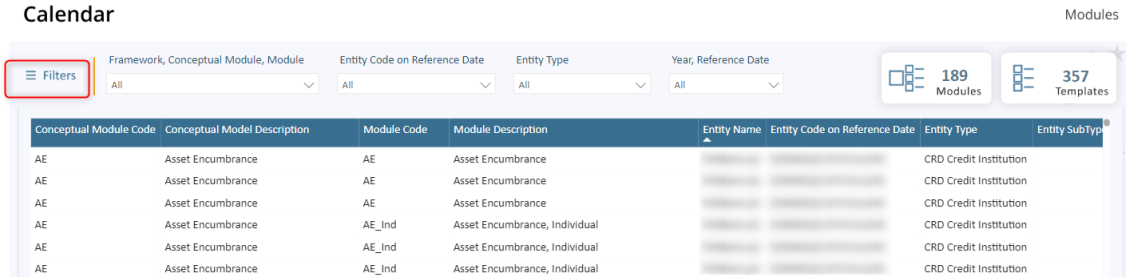
Calendar Modules

Filters: Framework, Conceptual Module, Module (All) | Entity Code on Reference Date (All) | Entity Type (All) | Year, Reference Date (All)

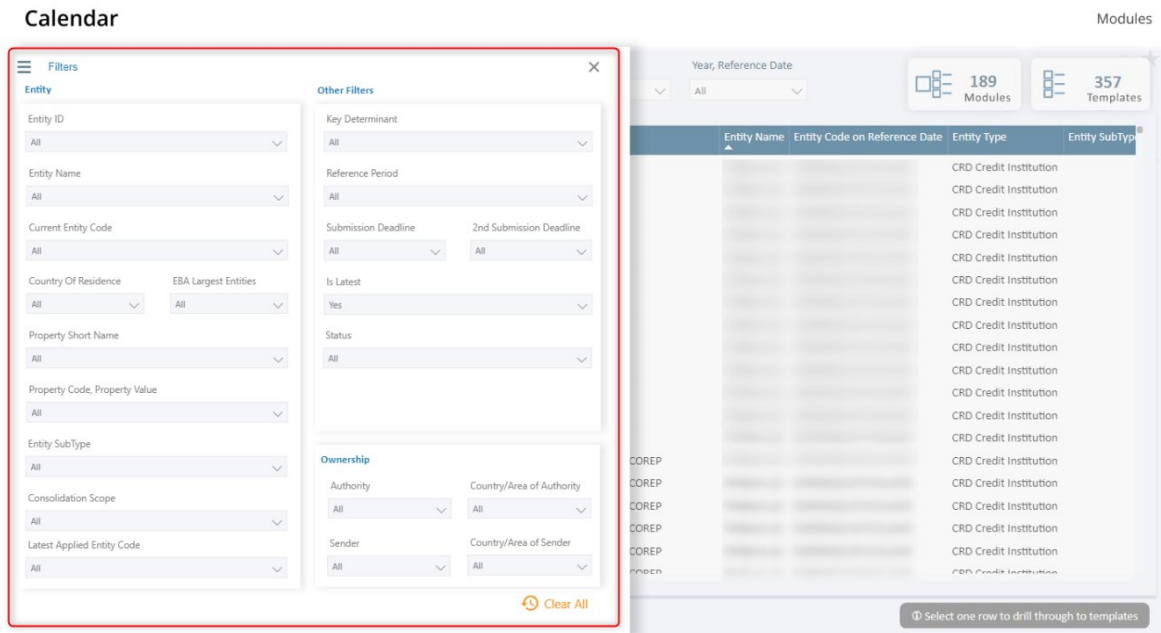
189 Modules | 357 Templates

Conceptual Module Code	Conceptual Model Description	Module Code	Module Description	Entity Name	Entity Code on Reference Date	Entity Type	Entity SubType
AE	Asset Encumbrance	AE	Asset Encumbrance			CRD Credit Institution	
AE	Asset Encumbrance	AE	Asset Encumbrance			CRD Credit Institution	
AE	Asset Encumbrance	AE	Asset Encumbrance			CRD Credit Institution	
AE	Asset Encumbrance	AE_Ind	Asset Encumbrance, Individual			CRD Credit Institution	
AE	Asset Encumbrance	AE_Ind	Asset Encumbrance, Individual			CRD Credit Institution	
AE	Asset Encumbrance	AE_Ind	Asset Encumbrance, Individual			CRD Credit Institution	

Secondary Filters section 1/2

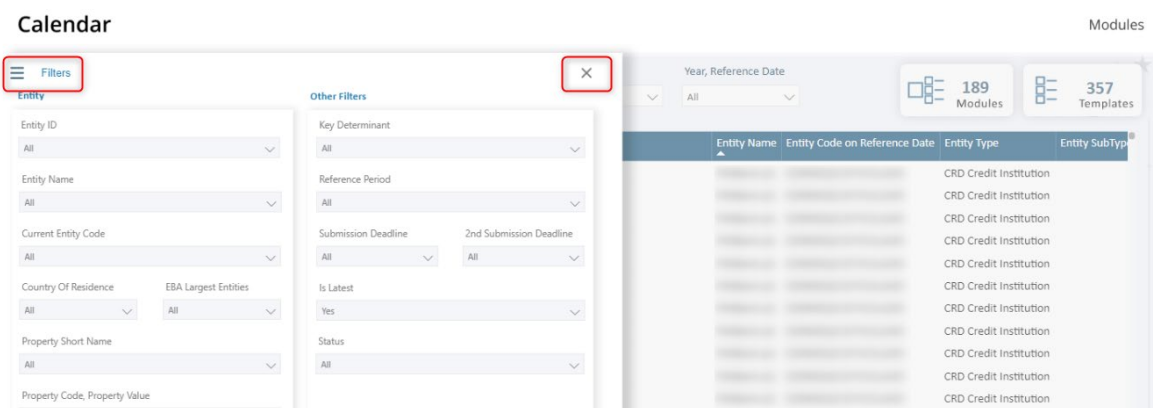


Secondary Filters section 2/2



The user may close the Secondary Filters section by clicking on the Filters icon or clicking on the (X) button or clicking on the report content.

Close the SecondaryFilters section



Clear specific filter selection

Calendar

The screenshot shows the EDAP interface with a table of data. The table has columns: Conceptual Module Code, Conceptual Model Description, Module Code, Module Description, Entity Name, Entity Code on Reference Date, Entity Type, and Entity SubType. The 'Entity Type' column is currently set to 'CRD Credit Institution'. A 'Clear selections' button is highlighted with a red box above the 'Entity Type' dropdown menu.

2.2.2 How do I export the data?

To export the data the following 4 steps must be considered:

1. Click on the Additional PowerBI Options button.

Calendar

The screenshot shows the EDAP interface with a table of data. The table has columns: Conceptual Module Code, Conceptual Model Description, Module Code, Module Description, Entity Name, Entity Code on Reference Date, Entity Type, and Entity SubType. The 'Entity Type' column is currently set to 'CRD Credit Institution'. The 'Additional PowerBI Options' button is highlighted with a red box.

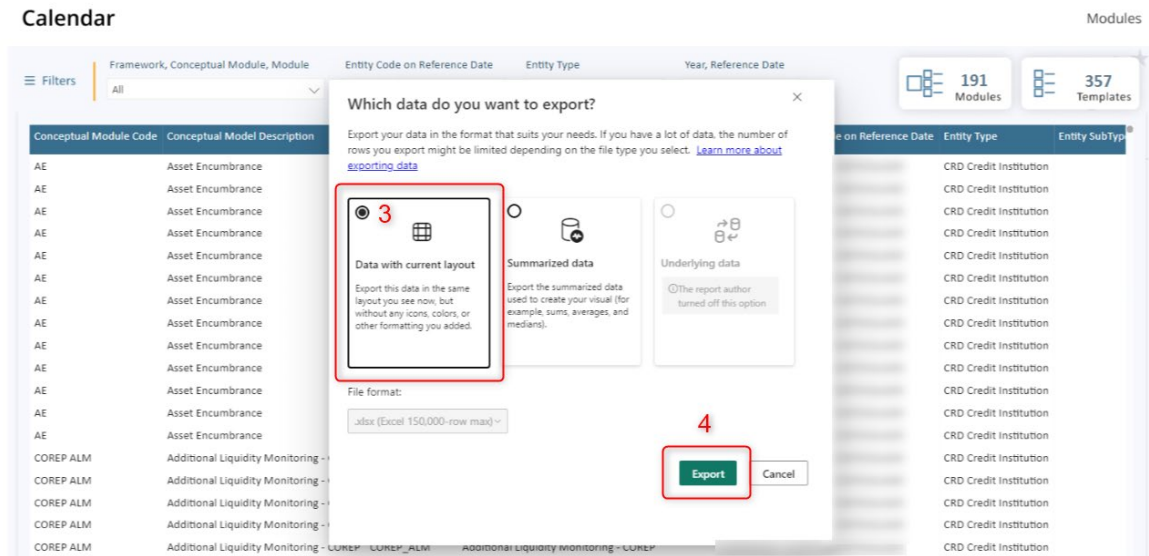
2. Select the “Export data” option.

Calendar

The screenshot shows the EDAP interface with a table of data. The table has columns: Conceptual Module Code, Conceptual Model Description, Module Code, Module Description, Entity Name, Entity Code on Reference Date, Entity Type, and Entity SubType. The 'Entity Type' column is currently set to 'CRD Credit Institution'. The 'Export data' option is highlighted with a red box.

3. Select the “Data with current layout” option.

4. Click on the Export button.



2.2.3 Some data is missing when I export the report. Why?

The export/extract feature reflects the filter selection, i.e., the export will contain the data after the application of the filter and not all data.

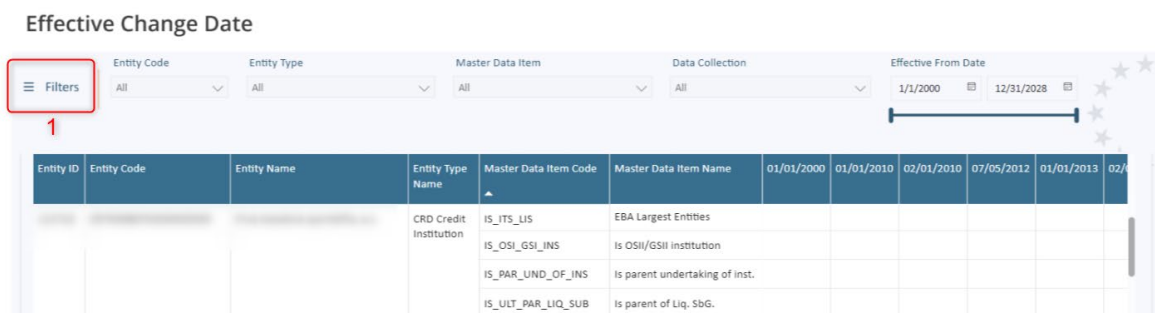
If the user intends to export all data then it is advisable to clear all filters before exporting.

2.2.4 How do I filter and search for a specific Property?

For the Master Data Reports, for filtering purposes any piece of master data is referred to as a “Master Data Item”. A Master Data Item is any item/object of Master Data which includes the Properties and the Reporting Obligation Exceptions (ROEs).

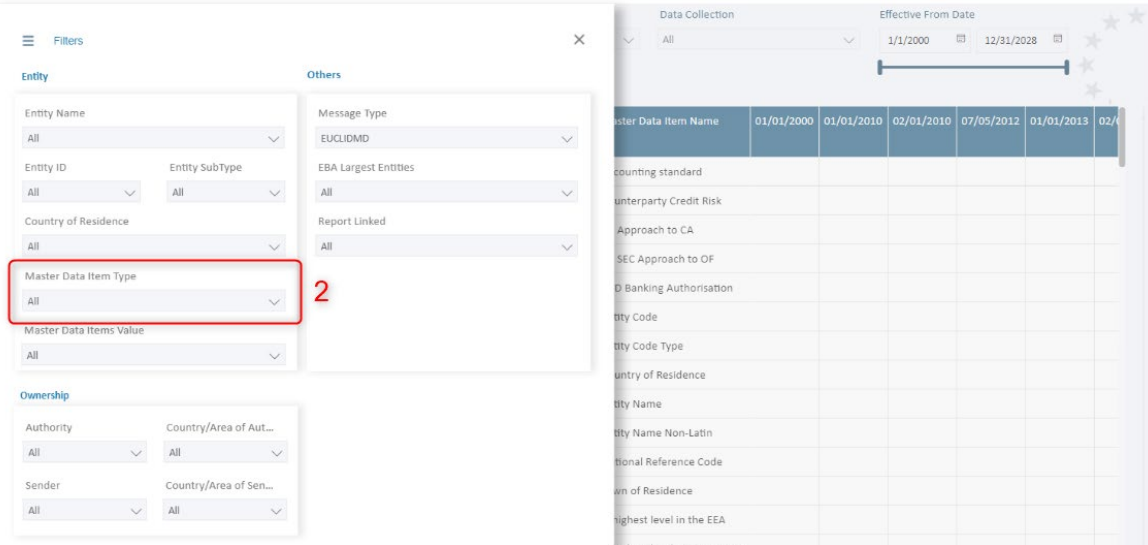
To search and filter for a specific Property the following steps must be considered:

1. Click on the Secondary Filters section button.



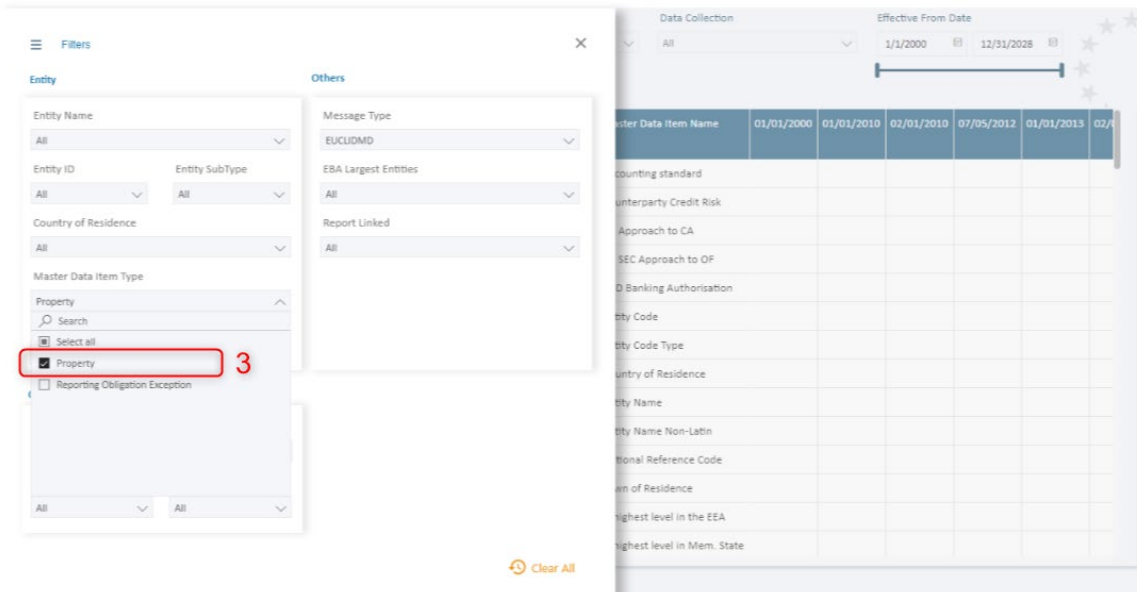
2. Click on the Master Data Item Type filter.

Effective Change Date



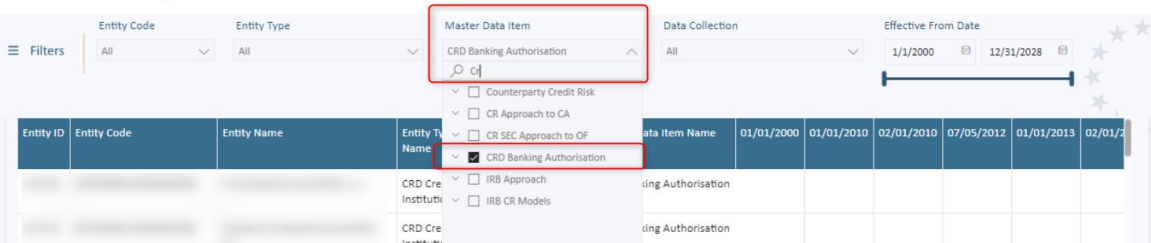
3. Select the "Property" value.

Effective Change Date



After these steps only the Properties master data items are visible in the report. Additionally, the user may filter for a specific Property, so, for this specific scenario, the user may open the Master Data Item filter and search for the desired value and select it:

Effective Change Date



Please note that the Master Data Item Value filter for Properties corresponds to the Property Value.

2.2.5 How do I filter and search for a specific Reporting Obligation Exception (ROE)?

For the Master Data Reports, for filtering purposes any piece of master data is referred to as a “Master Data Item”. A Master Data Item is any item/object of Master Data which includes the Properties and the Reporting Obligation Exceptions (ROEs).

To filter or search for a specific ROE it is necessary to execute the same steps as per the previous section for Properties, except one of them: in step 3 the user must select the Reporting Obligation Exception value:

Effective Change Date

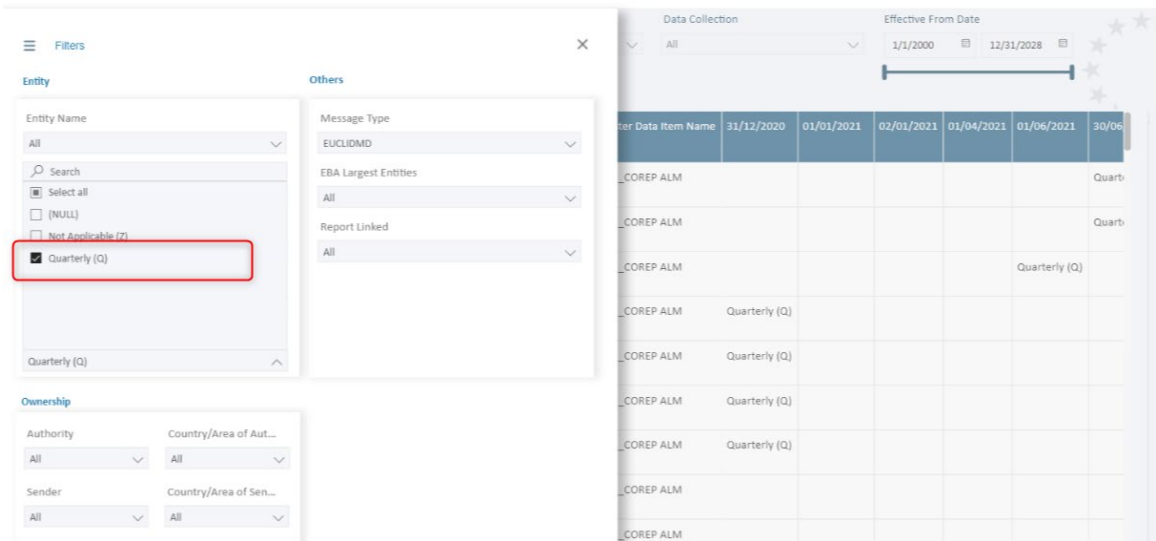
The screenshot shows a filter configuration window. In the 'Entity' section, the 'Reporting Obligation Exception' checkbox is checked and highlighted with a red box. Below it, the 'Master Data Items Value' dropdown is set to 'All'. In the 'Others' section, 'Message Type' is set to 'EUCLIDMD'. The 'Ownership' section has 'Authority' and 'Sender' set to 'All'. On the right, the 'Effective From Date' is 1/1/2000 and 'Effective To Date' is 12/31/2028. A table below shows columns for dates: 01/01/2010, 01/01/2014, 01/04/2014, 31/07/2014, 01/08/2014, 01/09/2014. Rows include Master Data Item Names like FP, COVID19, COREP ALM, SUP, and F 35.00.

Please note that, the Master Data Item Value filter for ROEs corresponds to the ROE Frequency Value, the user may use the Master Data Item Value filter to select only specific Frequencies (“Quarterly (Q)” value in this example):

Effective Change Date

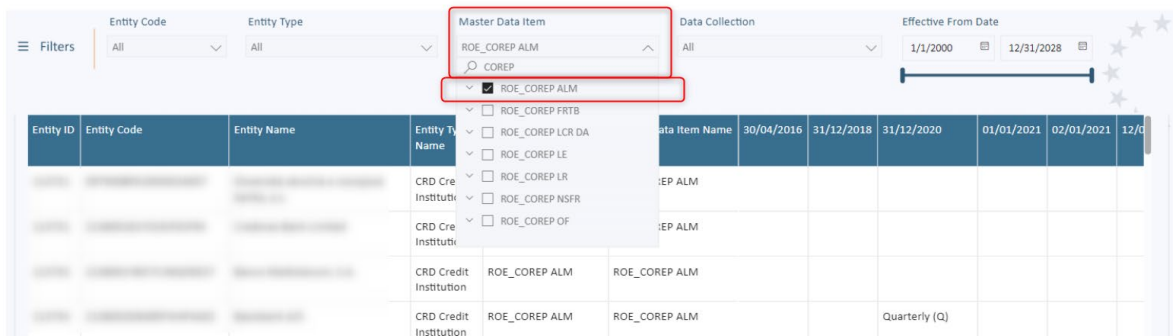
The screenshot shows the same filter configuration window. In the 'Entity' section, the 'Master Data Items Value' dropdown is highlighted with a red box and set to 'All'. The 'Reporting Obligation Exception' is no longer selected. The 'Others' section remains the same. The right side shows the same date range and table. The table columns are: 30/04/2016, 31/12/2018, 31/12/2020, 01/01/2021, 02/01/2021, 12/01/2021. Rows include Master Data Item Names like COREP ALM. Some cells in the table contain the text 'Quarterly (Q)'. For example, the row for 'COREP ALM' has 'Quarterly (Q)' in the 31/12/2020, 01/01/2021, 02/01/2021, and 12/01/2021 columns.

Effective Change Date



The user may also use the Master Data Item filter and search for the desired ROE. In this example the user may search for the “COREP” ROEs and selected the “COREP ALM” item.

Effective Change Date



2.2.6 What Templates are specific to a Module Calendar and Obligations?

The Calendar and the Obligations Reports are a special type of Business Reports. By default, these Reports have the granularity of Module. However, it is useful to also have the Template granularity to understand which Templates are included in a specific Module Report.

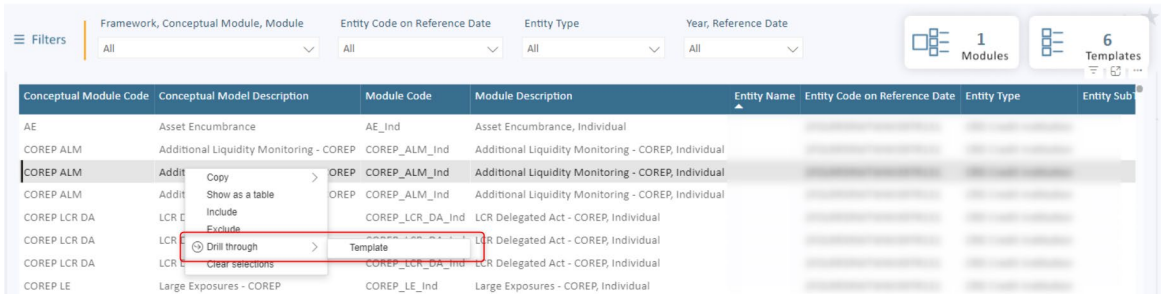
For this reason, the Calendar and the Obligations Reports contain a button which allows the user to drill-down into the Report and check for each Module which Templates are also present.

To drill down to template level:

1. Follow the instruction “Select one row to drill through to templates” – the user must click on the Calendar/Module record requiring drill down.

Calendar

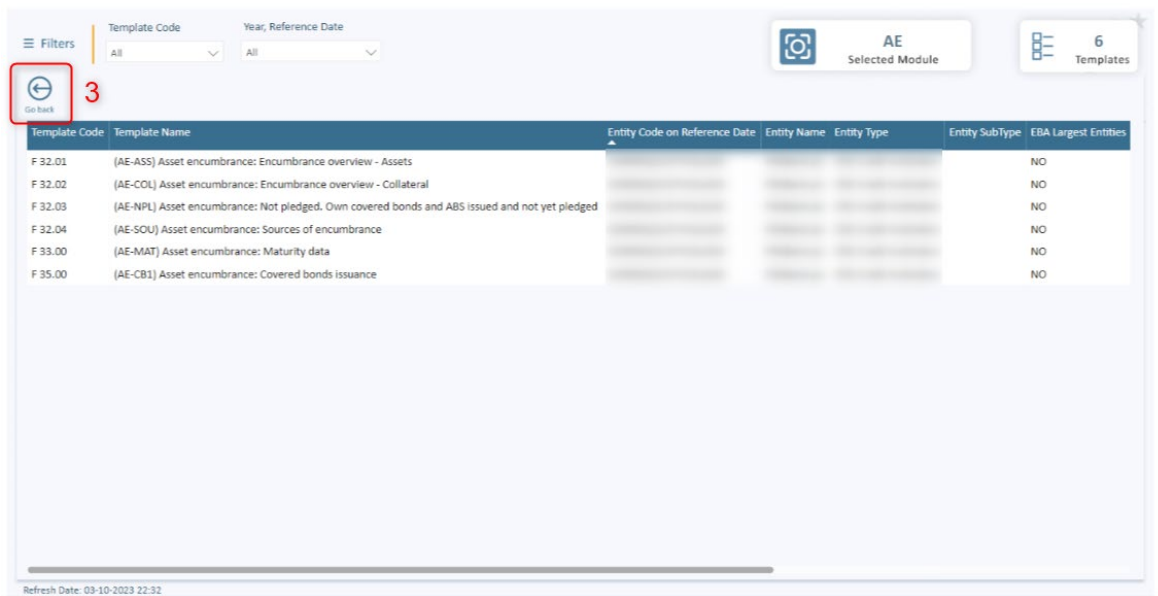
Modules



3. Here all the Templates related with that specific Module (Calendar entry) are displayed. All of the PowerBI capabilities are also available in the Template view (filters, totals, export the data,...). The user may change the view and return to the Module view by selecting the “Go back” button.

Calendar

Templates



2.2.7 How may I filter by date?

In the PowerBI reports the user may find different types of Date Filters. Below is a description of each one of these types:

Date range

This filter is being used in the Effective Change Date Report. The user can choose the desired range. When the user chooses the range, the columns displayed in the Report are only those effective dates where the Property value effective change date is within the defined date range.

Under the “Effective From Date” filter the user can move the date cursor and define the range. As a result, the columns displayed will be according to the range defined:

Report view before date selection

Effective Change Date

The screenshot shows a report interface with filters for Entity Code, Entity Type, Master Data Item, and Data Collection. The 'Effective From Date' filter is set to 1/1/2000 and 12/31/2028. The table header shows columns for dates: 01/01/2000, 01/01/2010, 02/01/2010, 07/05/2012, 01/01/2013, and 02/01/2013. The table content includes rows for Master Data Items such as ACC_STD, COU_CRE_RIS, CR_APP_CA, CR_SEC_APP_OF, ENT_AUT, ENT_COD, ENT_COD_TYP, and ENT_COU_RES.

Entity ID	Entity Code	Entity Name	Entity Type	Master Data Item Code	Master Data Item Name	01/01/2000	01/01/2010	02/01/2010	07/05/2012	01/01/2013	02/01/2013
				ACC_STD	Accounting standard						
				COU_CRE_RIS	Counterparty Credit Risk						
				CR_APP_CA	CR Approach to CA						
				CR_SEC_APP_OF	CR SEC Approach to OF						
				ENT_AUT	CRD Banking Authorisation						
				ENT_COD	Entity Code						
				ENT_COD_TYP	Entity Code Type						
				ENT_COU_RES	Country of Residence						

Report view after the date range selection

Effective Change Date

The screenshot shows the same report interface after the date range has been updated to 1/1/2021 and 12/31/2021. The table header now shows columns for dates: 01/01/2021, 02/01/2021, 04/01/2021, 05/01/2021, 06/01/2021, and 07/01/2021. The table content includes rows for Master Data Items such as COU_CRE_RIS, NSF_MET_APP, and ROE_COREP ALM.

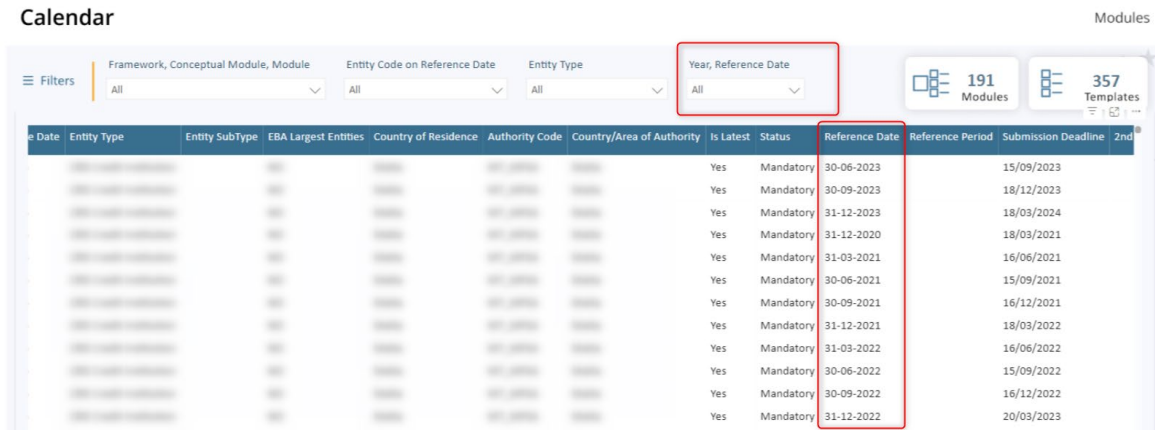
Entity ID	Entity Code	Entity Name	Entity Type	Master Data Item Code	Master Data Item Name	01/01/2021	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021
				COU_CRE_RIS	Counterparty Credit Risk						
				NSF_MET_APP	NSFR Methodology Applied						
				COU_CRE_RIS	Counterparty Credit Risk						
				NSF_MET_APP	NSFR Methodology Applied						
				COU_CRE_RIS	Counterparty Credit Risk						
				NSF_MET_APP	NSFR Methodology Applied						
				COU_CRE_RIS	Counterparty Credit Risk						
				NSF_MET_APP	NSFR Methodology Applied						
				ROE_COREP ALM	ROE_COREP ALM						

List of Dates

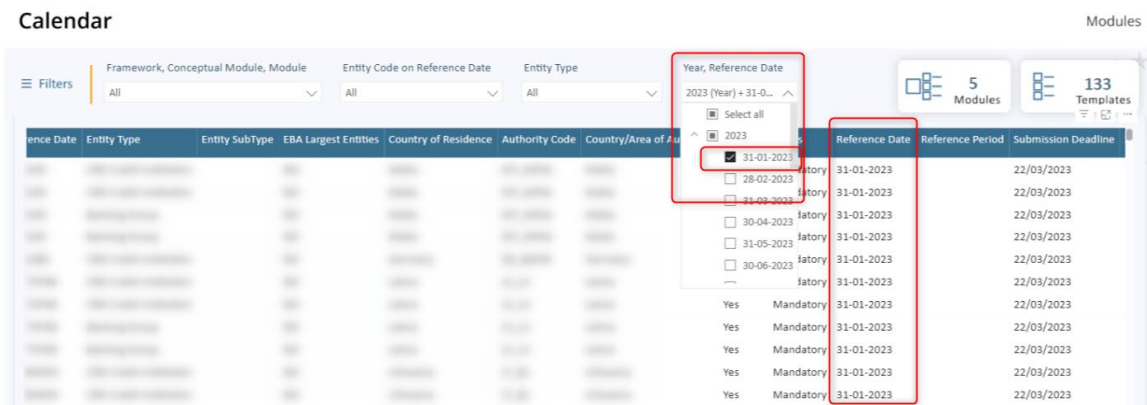
This filter is being used in the Calendar Report. The user can open the list of dates and choose the desired reference date(s). When the user chooses the date value(s), the data displayed in the Report are those rows where the Reference Date value is equal to the date value(s) selected.

Under the “Year, Reference Date” filter the user may select the required date value(s):

Report view before date selection



Report view after to select the specific reference date



Date between a From and To Date

This filter is being used in the Entity Versions and Obligations Reports. These reports have records with a From Date and To Date as content. When the user opens the filter and selects a date, the data displayed in the Report are only those rows where the date selected in the filter is between or matching the From Date and To Date of the report content.

First at all, the user must enable the “Apply a date” filter (i.e. Turn it ON). After that the user may select the desired date in the filter:

Please see additional details at <https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-bookmarks?tabs=powerbi-desktop>.

2.2.9 Favorites

When the user makes content a favorite, the user can access it quickly from the *Favorites* content list.

Favorites are typically content that the user visit most often and is identified with a filled star.

Please see additional details at <https://learn.microsoft.com/en-us/power-bi/consumer/end-user-favorite>.

3. EBA users only

3.1 Reports Structure

3.1.1 Report tabs

Each Report can have more than one tab. The EBA internal users can see all tabs by default except Resolution (this is available on request only).

The *Figure below* shows the Calendar Report and the list of available tabs in this Report. In each tab the user will only see the data for that particular Calendar.

Tabs available in the Calendar Report

Calendar - All

Supervision Supervision IF Remuneration Remuneration IF Payments

Calendar Modules

Filters Framework, Conceptual Module, Module Entity Code on Reference Date Entity Type Year, Reference Date

All All All All

189 Modules 357 Templates

Conceptual Module Code	Conceptual Model Description	Module Code	Module Description	Entity Name	Entity Code on Reference Date	Entity Type	Entity SubType
AE	Asset Encumbrance	AE	Asset Encumbrance			CRD Credit Institution	
AE	Asset Encumbrance	AE	Asset Encumbrance			CRD Credit Institution	
AE	Asset Encumbrance	AE	Asset Encumbrance			CRD Credit Institution	

4. Glossary

In the following table the user can find a list of terms used in the reports for items not already included in the property metadata reports or DPM:

Table 3: Glossary

Field Name	Field Description
Authority	This represents the master data or calendar Owner, the party who maintains the master data.
Is Current	It is only applicable to Obligations. The value is “Yes” if the obligation is active on today’s date.
Is Latest	The most recent data is being displayed when the value of this field is equal to “Yes”. When the value is “No”, it means that newer version(s) of the record exist.
Key Determinant	Key Determinant, indicates whether the default obligation (DEFAULT), a reporting obligation exception (WAIVER) or a calendar rule (RULE) played the pivotal part in determining the obligation outcome.
Master Data Item	A Master Data Item is an item/object of Master Data which includes the Properties and the Reporting Obligation Exceptions (ROEs).
Report Grouping	This concept is used to split the data into groups based on the Data Collection and the Entity Type information. For instance, this concept allows us to split the Supervisory data for Banks and Investment Firms.
Report Linked	Indicates if a report (of any type) has been received against this entity, which indicates if there will be restrictions on this entity, for example a removal restriction.
Reporting Short Name	New label for Master Data Items. This label is being used for reporting purposes only.
Sender	This represents the party who directly forwards master data or report data to EBA.