



# FAB-DIS Export COS PIM

Version 6.1

| File | Manual_FAB-DIS_Export_L06.pdf |
|------|-------------------------------|
| Date | 7-11-2024                     |



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# 1 Introduction

This document describes how an export file, in *FAB-DIS format* can be generated in Compano Online Software (COS).

General knowledge of *FAB-DIS* is helpful with understanding which actions must be taken to ensure a valid export of data using COS.

More information on FAB-DIS can be found on their website: <a href="www.FAB-DIS.fr">www.FAB-DIS.fr</a>. An English-language FAQ and some tools are available. Detailed documentation, including an English-language user manual can be found in the Downloads area, however you will have to register a (free) account.

<u>Note</u>: Not all data fields/possibilities of the FAB-DIS format are covered by COS PIM. Mostly, this concerns optional and/or less relevant information. Please contact Compano Support if you need to export information that has not been implemented **in Compano's** FAB-DIS export.

#### 1.1 Concepts

COS Compano Online Software

PIM Product Information Management system

FAB-DIS FAB-DIS is the most advanced data exchange format in France.

It is based on the BMEcat®-Standard and managed by ETIM International. FAB-DIS includes, as of version 2.1, a tab dedicated to ETIM data. Currently¹, COS exports FAB-DIS

version 2.3.

ETIM International standard for classification of product data for the

construction and engineering sector. FAB-DIS will handle any

ETIM version (7, 8, 9, etc.), except for ETIM Dynamic.

Entity Data object in COS. For instance: Product, Item, Relation,

Manufacturer, etc.

## 2 General Remarks

For data suppliers in France who manage their product information, the data exchange format of choice is often *FAB-DIS*. Currently, the COS-application offers FAB-DIS versions 2.3 and 3.0 as data export options.

#### 2.1 FAB-DIS 3.0 changes

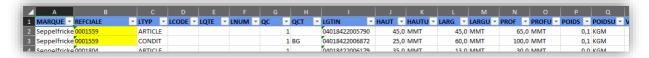
A quick overview of changes to the FAB-DIS format, version 3.0:

- Worksheet tabs have been renamed.
- The **Fabricant** variable is now filled out with the *French Assortment Description* from COS; the reference key is now MARQUE (brand) / REFCIALE (item number).
- A number of data columns on FAB-DIS worksheet have been renamed and/or moved to a different position. Some data columns have been removed and new ones added:

<sup>1 9-2-2023</sup> 



- o B01\_COMMERCE: Data column LIBELLE30 is now LIBELLE40 and so the *(French) description 1* no longer needs to be truncated to 30 characters.
- o B01 COMMERCE: The column FABRICANT has been removed.
- o B01\_COMMERCE: Added CTYPE (ART = with price, ARS = without price).
- B02\_LOGISTIQUE: Logistical information needs to be added using 2 rows on the Excel worksheet for each product/item combination: ARTICLE indicates the product (and *not* the item!), and CONDIT indicates an item, including packaging information:



- o BO3\_MEDIA: The MTEXTE column is used for commercial long texts. Previously, these were entered in the MCODE column, but this is no longer used.
- o F01\_PYRAMIDE: On this worksheet product groups are expanded. Note that *series* and *type* must be included, however this is only possible if *all* of the expanded products are of the same series/type. If not all product are of the same series/type, then series/type will be filled out with the series/type value of the first product encountered. After the first product, series/type is left empty.
- The worksheets B00, B01, B02, B04 have been corrected (these are mandatory tabs); remaining worksheets will be addressed in a future COS-version.

#### 2.2 FAB-DIS file

A FAB-DIS export from COS consists of a Excel-file with multiple Worksheets. Each worksheet represents a FAB-DIS data block:

|    | FAB-DIS 2.3       | FAB-DIS 3.0        | Explanation  |
|----|-------------------|--------------------|--|
| 1  | 00_CARTOUCHE      | B00_CARTOUCHE      | Identification data (Manufacturer, FAB-DIS version, data language, etc.)   |
| 2  | 01_COMMERCE       | B01_COMMERCE       | Basic Marketing and Commercial data (prices, taxes, discounts, etc.)   |
| 3  | 02_LOGISTIQUE     | B02_LOGISTIQUE     | Description of packaging (dimensions, packaging, weight, etc.)   |
| 4  | 03_MEDIA          | B03_MEDIA          | Offer optimization data (Attachments, some certificates and Commercial Texts)  |
| 5  | 04_REGLEMENTAIRE  | B04_REGLEMENTAIRE  | Regulatory data (Certificates). Note: not yet implemented in COS   |
| 6  |                   | C01_EXTENSION      |  |
| 7  | 26_CORRESPONDANCE | C02_CORRESPONDANCE | System offer and correspondence (accessories, parts, components, related products/services)  |
| 8  |                   | C03_VARIANTE       |  |
| 9  | 06_ETIM           | C04_ETIM           | Technical characteristics of the products (ETIM classification data)   |
| 10 |                   | C05_ARRET          | Expired items. Currently, these are <i>not exported</i> in a FAB-DIS file generated by COS.  |
| 11 | 24_SUBSTITUTION   | C06_SUBSTITUTION   | Old/new product ranges   |
| 12 | 22_PYRAMIDE       | F01_PYRAMIDE       | Pyramid structure of the Marketing nomenclature (Discount families). Note: this data will be filled out according to the MKT-/MKTL-structure which itself is based on <i>Item Group code</i> and <i>Item Group Description</i> |

<u>Note</u>: As FAB-DIS-files can easily exceed the limit on number of Excel rows. Therefore, FAB-DIS exports that exceed 1,048,000 records will be split into *multiple* Excel files and sent in several



emails. Both the emails and Excel files are numbered in ascending order. This also applies to the log-entries for the export. The split has been set up in such a way that it does not cross items/products, so each export should contain a complete sub-set of data. Lastly, the splitting is done automatically, and only when necessary.

#### 2.3 Warning: Reset filters

The result of any FAB-DIS export in Compano will be an Excel-file. Should you manually edit this in MS Excel, you will need to *reset any filters* that you might have applied in Excel, *before submitting* the file to the FAB-DIS data portal.

If you do not reset the filters, only the filtered out data will be submitted to FAB-DIS!

# 2.4 Length of fields

Some fields in FAB-DIS specify a *maximum length*. Note however that some of these fields have several variants, which means that there is also a *minimum length* requirement.

#### Example

|            | Minimum length | Maximum length |
|------------|----------------|----------------|
| LIBELLE40  | 1              | 40             |
| LIBELLE80  | 40             | 80             |
| LIBELLE240 | 80             | 240            |

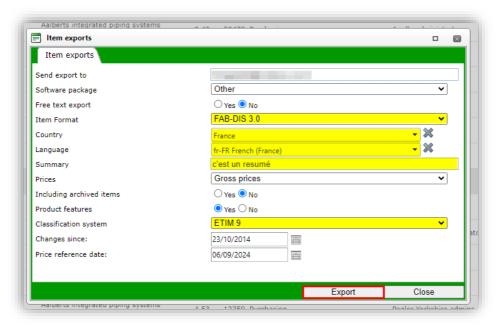
# 3 Export

The FAB-DIS format can be used when exporting *Item information*, either from the *Item overview* or exporting all items of an *Assortment*:

- Export from Item overview: Convenient for *testing* with a smaller selection of Items.
- Export from Assortment: Preferred method for generating a *complete* FAB-DIS export.



## 3.1 FAB-DIS export settings



For a correct FAB-DIS export, please note the following settings:

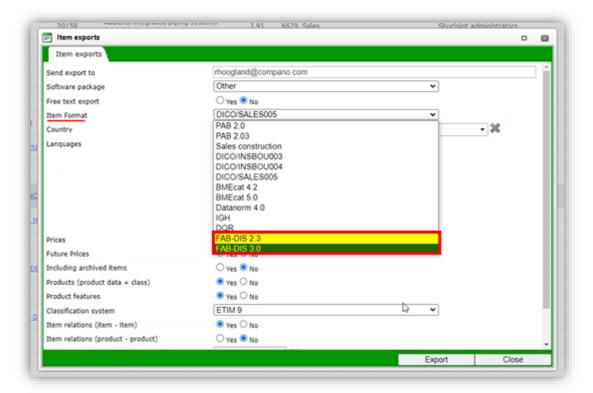
#### 3.1.1 Item format (FAB-DIS version)

Select the correct FAB-DIS Item format:

- FAB-DIS 2.3, or
- FAB-DIS 3.0

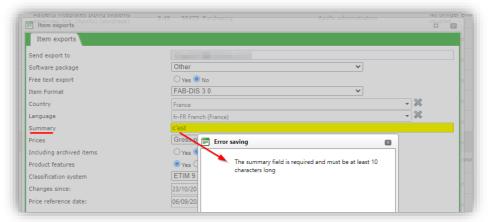
<u>Note</u>: When exporting in the FAB-DIS 2.3 format, the <u>00\_CARTOUCHE</u> tab in (formally shows a list of all unique manufacturer/brand combinations. However, on export, this is interpreted as *supplier*/brand combinations, where the Supplier is taken from the Assortment which was selected for the export.





#### 3.1.2 Summary

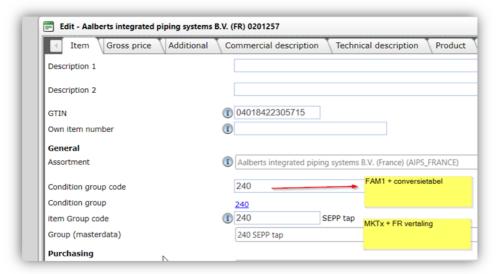
The Summary field must be filled out with a minimum of 10 characters:



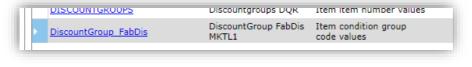
#### 3.1.3 Condition Group

All Condition Groups need to be filled out:





• FAM1/FAM1L: Will be filled out with *Condition Group Code* (Item). The Description will be filled based on the value from a *Conversion Table*<sup>2</sup>:



| Value in | Value out                       |
|----------|---------------------------------|
| 19.6     | VSH SudoXPress Inox tube 1.4401 |
| 19.7     | VSH SudoXPress Inox tube 1.4301 |
| 19.8     | VSH SudoXPress Inox tube 1.4301 |
| 19.9     | VSH SudoXPress Inox tube 1.4301 |
| 24.2     | VSH XPress Cuivre               |
| 29.1     | VSH SudoPress Cuivre Gaz        |
| 30 1     | VSH Shurioint HVAC              |

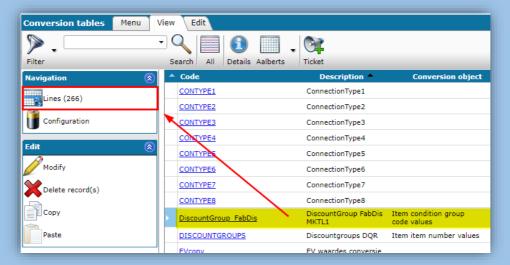
- MKT1/MKT1L: Will be filled out with the *Item Group code* and *Item Group Description* (French).
  - o An *Item Group hierarchy* will lead to multiple MKT-codes and descriptions; the top-level group will be filled out in *MKT1/MKT1L*, the next level in *MKT2/MKT2L*, and so on to a maximum of 5 levels.
  - o Note: When Item Groups are *not* used, MKT1/MKT1L will fall back on FAM1/FAM1L.

<sup>&</sup>lt;sup>2</sup> A Compano consultant will provide the initial setup of the Conversion Table.

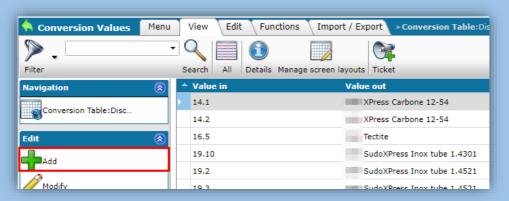


How to maintain the Conversion Table If you need to add or change a conversion value:

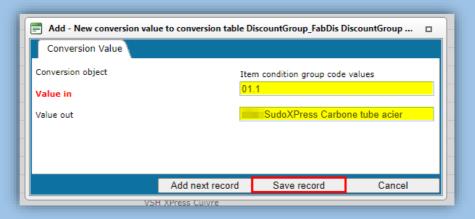
- 1. Through the Menu, go to *System > Configuration*
- 2. Select the conversion table **DiscountGroup FabDis** and, under Navigation, click on *Lines*.



3. On the next screen, under Edit, click on +Add.



4. In the pop-up window:



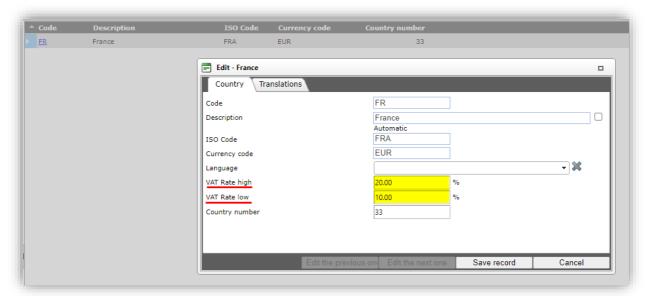
- a. Value in: Enter the Item condition group code
- b. Value out: Enter the Item condition group description (French)
- 5. Save the record.



#### 3.1.4 VAT [TVA]

Set the Country to France to ensure that the correct VAT (TVA)-percentages are exported.

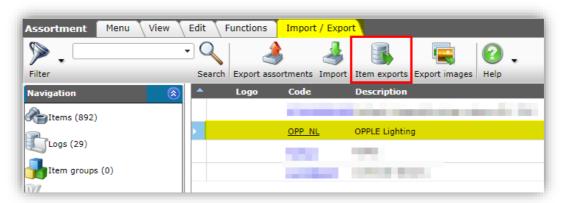
<u>Note</u>: VAT-percentages for high and low rates can be set through *Menu > Configuration > Countries*.



## 3.2 Export from Assortment overview

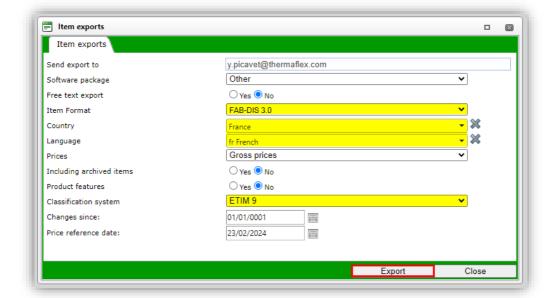
To export data for *all* items (and linked products) in an assortment:

1. Through the Menu, either go Items > Assortment and click on Item exports.



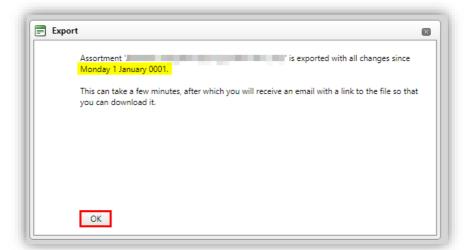
2. In the pop-up window:





- Send export to: Enter the e-mail address to which the exported Excel-file should be sent.
- b. Software package: Select Other.
- c. Free text export: Set to No.
- d. Item format: Select FAB-DIS 3.0.
- e. Country: Set to France by default.
- f. Language: Set to French by default.
- g. Prices: Select the type of price to be exported.
- h. Including cancelled items: Set to Yes to include archived items.
- i. Features (technical product specification): Set to **Yes** to include the feature data of the selected Classification system.
- j. Classification system: Set to the preferred classification system. <u>Note</u>: FAB-DIS will handle any ETIM-version (7, 8, or 9), but not ETIM Dynamic.
- k. Changes since: Only export items which have been changed since [date]. Leave this date empty or set to 01-01-0001 to generate a *full* export.
- I. Price Reference date: Only export prices from this [date]. When future prices have been added to the system and you need to communicate these future prices, make sure to set the Price Reference date to (or after) the date of your future prices.
- 3. Click on Export.
- 4. A system message will appear, informing you about the current export:





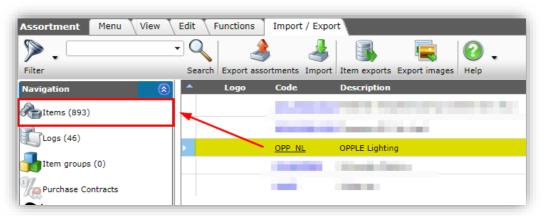
5. Click on OK.

#### 3.3 Test export

Should you need to test your FAB-DIS export with only a few items, then this can be done by using the *Changes since* option:

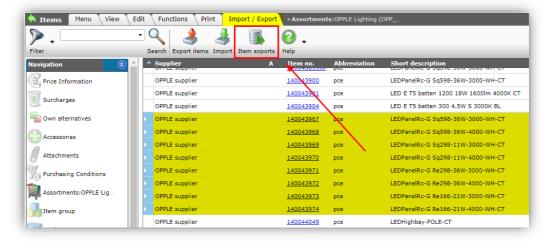
First, prepare a few test-items by changing the data for these items. Then:

1. Through the Menu, either go *Items > Assortment* and, under Navigation, click on *Items:* 

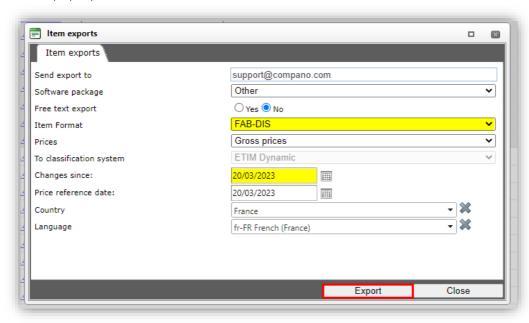


2. Next, select the prepared test-items and, on the Import/Export tab, click on Item exports:





3. In the pop-up window:



- a. Item Format: Select the FAB-DIS format.
- b. Change since: Set thisoption to the date at which you changed the test-items (for example: date-today).
- 4. Click on Export.

# 4 Item groups [B01 COMMERCE & F22 PYRAMIDE]

Item group hierarchy will be represented on the B01\_COMMERCE tab as MKT1, MKT2, MKT3, etc. from left to right. However, the same hierarchy will also entered on the F19\_PYRAMIDE tab from top to bottom.



### 4.1 B01\_COMMERCE

| MKT<br>1 | MKT1L                 | MKT2 | MKT2L                             | МКТЗ | MKT3L                                       | MKT<br>4 | MKT4L  |
|----------|-----------------------|------|-----------------------------------|------|---|----------|--|
| 2        | BORNES<br>CHARGEPOINT | 2C   | Pack Borne Pied AC 2<br>PDC       | 2CB  | Pack Borne Pied AC 2 PDC + Cloud + Assure   | 2CB1     | Pack Borne Pied AC<br>2*22KW + CPCLD1<br>+ ASSURE1   |
| 2        | BORNES<br>CHARGEPOINT | 2B   | Pack Borne Murale AC<br>1 & 2 PDC | 2BC  | Pack Borne Murale AC 2 PDC + Cloud + Assure | 2BC1     | Pack Borne Murale<br>AC 2*22KW +<br>CPCLD1 + ASSURE1 |
| 2        | BORNES<br>CHARGEPOINT | 2C   | Pack Borne Pied AC 2<br>PDC       | 2CB  | Pack Borne Pied AC 2 PDC + Cloud + Assure   | 2CB3     | Pack Borne Pied AC<br>2*22KW + CPCLD3<br>+ ASSURE3   |
| 2        | BORNES<br>CHARGEPOINT | 2B   | Pack Borne Murale AC<br>1 & 2 PDC | 2BC  | Pack Borne Murale AC 2 PDC + Cloud + Assure | 2BC3     | Pack Borne Murale<br>AC 2*22KW +<br>CPCLD3 + ASSURE3 |

# 4.2 F22\_PYRAMIDE

1 column NIV: the LEVEL of the relevant item group.

2, 3 columns MKTC and MKT: the CODE of the relevant item group

4 column MKTL: the (French) DESCRIPTION of the item group

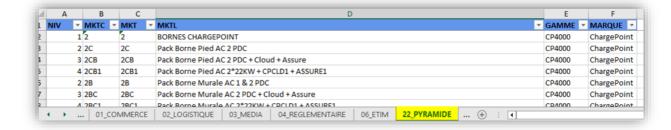
5 column GAMME: This is the (French) field SERIES of the product

#### Note:

This is somewhat questionable, as MKT classification is a *marketing* classification and that *may* be very different from the Series. In short: only try to fill this out for the lowest level used; for example, if 01\_COMMERCE is filled out from MKT1 to MKT4, then MKT4 is the lowest level. All (parent) item groups on level 1, 2, 3 will be included on the 22\_PYRAMIDE tab with their MKT-level, however the GAMME column will be empty. Then, for all products—only on level MKT4, in this example—if for those products *all* (French) Series fields are *equal*, then the Series value will be used for the GAMME column, otherwise will be left empty.

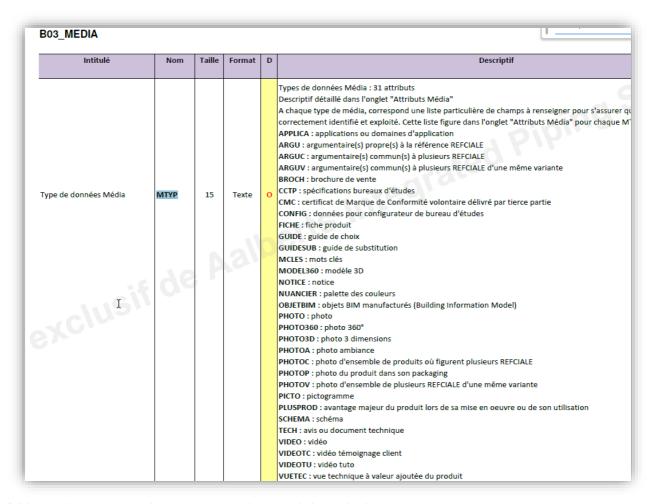
6 column MARGUE: Will be filled out with the (French) Brand name of the first product that is encountered, but will be left empty when more brands are encountered. Indeed, MARGUE is mandatory so something has to be filled out here. However, if there are multiple brands (for instance, Brand A and Brand B), distinguish them by creating multiple Item groups (such as, 1000A and 1000B).





# 5 Attachments (B03\_MEDIA)

Attachments are export to the Worksheet B03\_MEDIA, column MTYP, with the following codes options:



COS attachment types that are exported correctly by default:

| COS attachment type | COS description                      | FAB-DIS TYPM code |
|---------------------|--------------------------------------|-------------------|
| PPI, LOG            | Image for internet, Logo             | PHOTOBD           |
| PHI, LDT            | Image for printing, Photometric data | PHOTOHD           |
| EEP                 | Energy label                         | CEE               |
| STR                 | Certificate                          | CMC               |
| SCH                 | Diagram (dimensioned drawing)        | SCHEMA            |
| PRT, OTV            | Sales brochure, Other visual element | PHOTOHDA          |
| PVI                 | Product video                        | VIDEO             |





| CHR, LNK                 | Link to sheet, Deeplink           | FICHE  |
|--------------------------|-----------------------------------|--------|
| CAD, OTA, OTD, SOF, PAR, | CAD-file, Other attachment, Other | NOTICE |
| MAN, MTE, Unknown        | document, Software, Parts list,   |        |
|                          | Instructions, Installation &      |        |
|                          | maintenance document, Others.     |        |

## 6 Certificates

Certificates in COS are either:

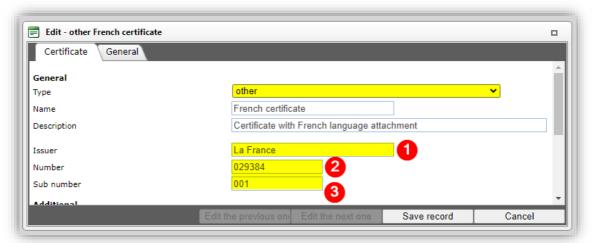
- An attachment of attachment type STR.
- A certificate data entry, which can also include an attachment of any attachment type.

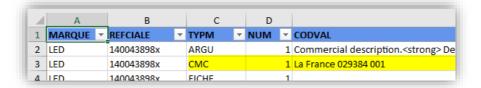
<u>Important</u>: When adding attachments to certificates for export to FAB-DIS, make sure to set the <u>Language</u> of the attachment to <u>French</u>. Attachments in other languages (or with no language defined) will <u>not</u> be exported to FAB-DIS.

# 6.1 Certificates (BO3\_MEDIA)

Only Certificates of type Other (OTA) and which have their *Language* set to French will be exported to worksheet 03\_MEDIA as TYPEM CMC.

The CODVAL of this certificate will be constructed from the following Certificate values (1) + (2) + (3):





# 6.2 Certificates (B04\_REGLEMENTAIRE)

Certificates in COS which will be exported to worksheet BO4 REGLEMENTAIRE are:



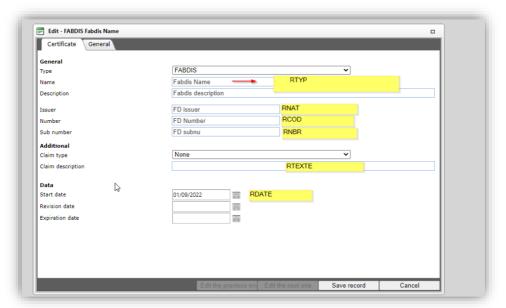
- Certificates of type FAB-DIS
- Certain DICO certificate types

### 6.2.1 Certificate type FAB-DIS

Certificates of type **FAB-DIS** will be exported to worksheet B04\_REGLEMENTAIRE as follows:

| COS certificate data field | FAB-DIS 04_REGLEMENTAIRE data field |
|----------------------------|-------------------------------------|
| Name                       | RTYP                                |
| Issuer                     | RNAT                                |
| Number                     | RCOD                                |
| Sub-number                 | RNBR                                |
| Claim description          | RTEXTE                              |
| Start date                 | RDATE                               |

If a French-language attachment has been added to the Certificate, the following, additional FAB-DIS data fields will be filled out:



- URL: Internet address used for displaying the attachment, for instance a photo, drawing, photometric data, etc.
- URLT: Internet address used for downloading the attachment, for instance a document, CAD-file, etc.
- RNOM: Description of the attachment
- RNUM: Sequence number of the attachment

#### 6.2.2 Other certificate types

A number of certificate types from DICO can be translated into one of the 18 available *types of regulation* (RTYP) of FAB-DIS, worksheet **B04\_REGLEMENATAIRE**. These certificate types can be added as FAB-DIS certificate; see paragraph <u>6.2.1 Certificate type FAB-DIS</u>.

However, if a FAB-DIS certificate type is one-on-one similar to a DICO/SALES005 certificate and contains a French-language attachment, it need *not* be duplicated. Check the list below to see which certificates are copied from their DICO-equivalent and which certificates need to be added as a FAB-DIS certificate

FABDIS value "RTYP"

DICO certificate type



| ACS       | No DICO equivalent, add via FAB-DIS certificate |
|-----------|---|
| BATTERY   | No DICO equivalent, add via FAB-DIS certificate |
| BOIS      | No DICO equivalent, add via FAB-DIS certificate |
| CEE       | No DICO equivalent, add via FAB-DIS certificate |
| CONTRIB   | No DICO equivalent, add via FAB-DIS certificate |
| DOC       | DOCCE   |
| DOP       | DOP   |
| E-ENV-SAN | No DICO equivalent, add via FAB-DIS certificate |
| ECCN      | ECCN  |
| F-GAZ     | No DICO equivalent, add via FAB-DIS certificate |
| FDS       | SDS   |
| FTFV      | No DICO equivalent, add via FAB-DIS certificate |
| NFS       | No DICO equivalent, add via FAB-DIS certificate |
| PEREMP    | No DICO equivalent, add via FAB-DIS certificate |
| RECHANG   | No DICO equivalent, add via FAB-DIS certificate |
| ROHS      | No DICO equivalent, add via FAB-DIS certificate |
| TRACE     | No DICO equivalent, add via FAB-DIS certificate |
| TRIMAN    | No DICO equivalent, add via FAB-DIS certificate |

<u>Note</u>: When duplicate certificates are present (determined on the basis of a duplicate attachment URL), then the FAB-DIS certificate will be exported.

#### Thus:

- A completed FAB-DIS certificate always leads to a line in tab **04\_REGULATION**, even if it does not contain an attachment.
- One of the other (DICO) certificates will therefore only be included if it is provided with an attachment with language **FR**. If there is no French-language attachment, it is considered irrelevant to FAB-DIS.

#### 6.2.2.1 CONTRIB

For a CONTRIB certificate 2 extra columns need to be filled out: On the regulatory tab, a currency column (RVU) and an RVAL value column.

RVU: This value is always **EUR** 

RVAL: This value is the disposal fee, which will be filled out with the value of the Item data field **AEO**-(surcharge disposal fee). If no value is filled out, a corresponding line will be created on the tab 04\_REGLEMENTAIRE in the FABDIS export with the value **0**.

<u>Important</u>: Please make sure to check the *code lists* in the FAB-DIS documentation for the correct codes that can be used for Issuer, Number and Sub number, for example:

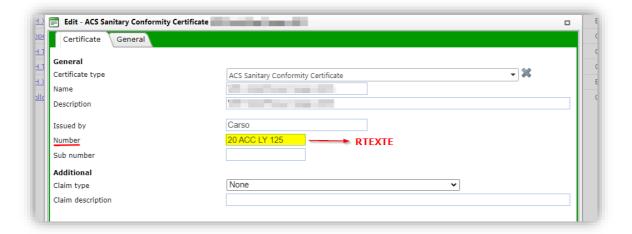


#### 6.2.2.2 ACS

When migrating from an older COS-version to version L05 (or newer), please make sure to *convert* any existing ACS-certificates (usually of certificate type Other) to the new certificate type ACS, which is correct for FAB-DIS.

<u>Note</u>: The *code* of the ACS-certificate (Sanitary Conformity Certificate) should be filled out in the *Number* field of the certificate. This code will then be exported as **RTEXTE** in the FAB-DIS format:





#### 6.2.2.3 PEP Ecopassport

Existing PEP Ecopassport certificates have often been created as EPD-certificates. As of COS software version L05, these certificates can now be linked to the PEP-certificate type which is correct for FAB-DIS. Note, however, that it is necessary to *manually link* any existing EPD-certificate type that is actually a PEP-type to the new PEP-certificate type. Existing certificate types are *not* repaired by the *Autofill* function on Certificate types in Configuration. Also, possibly not all EPD-certificates automatically have to become a PEP-certificate.

#### 6.2.2.4 TECH

A tech certificate includes technic document assessing product conformity without recourse to a voluntary mark of conformity certified by a third party. <u>Examples</u>: Test or analysis report, Technical Notice or Approval (ATec), Technical Application Document (DTA), document assessing suitability for use applicable to new construction products and processes.

These technical documents (PDF format) must not be confused with:

- Certificates and licenses issued as part of a voluntary mark of conformity by a third-party organization independent of the manufacturer, communicated in tab B03\_MEDIA, MTYP = CMC (Conformity Mark Certificate);
- Declarations of Conformity (DoC) required by several European regulations, communicated in B04\_REGULATORY, RTYP = DOC;
- Declarations of Performance (DoP) required by the Construction Product Regulation (CPR), communicated in B04 REGLEMENTAIRE, RTYP = DOP.

A FAB-DIS certificate<sup>3</sup> of type **TECH** which has an attachment, will be exported to the B03\_MEDIA tab:

- Column MTYP: TECH
- Column MNUM: starts at **1** and then numbers on
- Column MNOM/MURL/MURLT: same as for other PDF documents

<sup>&</sup>lt;sup>3</sup> An example would be French SVGW certificates.



# 7 CO2\_CORRESPONDANCE

In FAB-DIS 3.0 the Excel tab **26\_CORRESPONDANCE** has been changed to **C02\_CORRESPONDANCE**. This tab lists Product Relations, however for FAB-DIS exports generated by COS this will only contain product relations of the type *part* (**IPO** and **PAR**) and *spare part* (**SPA**).

Note: FAB-DIS 3.0 also validates on the field CORQ; to prevent warnings, leave this field empty.

#### 8 EASY-CHECK

FAB-DIS offers an online service to validate your FAB-DIS file: https://easycheck.fabdis.fr/.

<u>Note</u>: The validation service unfortunately stops after detecting 5000 errors. As this can easily occur, the validation check often needs to be run multiple times, after correcting the errors from a previous run.



Figure 1. Example of FAB-DIS validation output



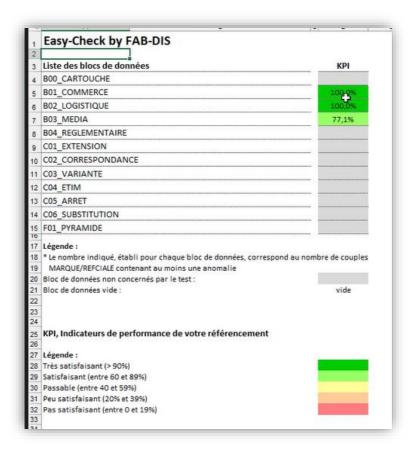


Figure 2. Example of FAB-DIS validation summary