

# Co\$ta - Package assignment

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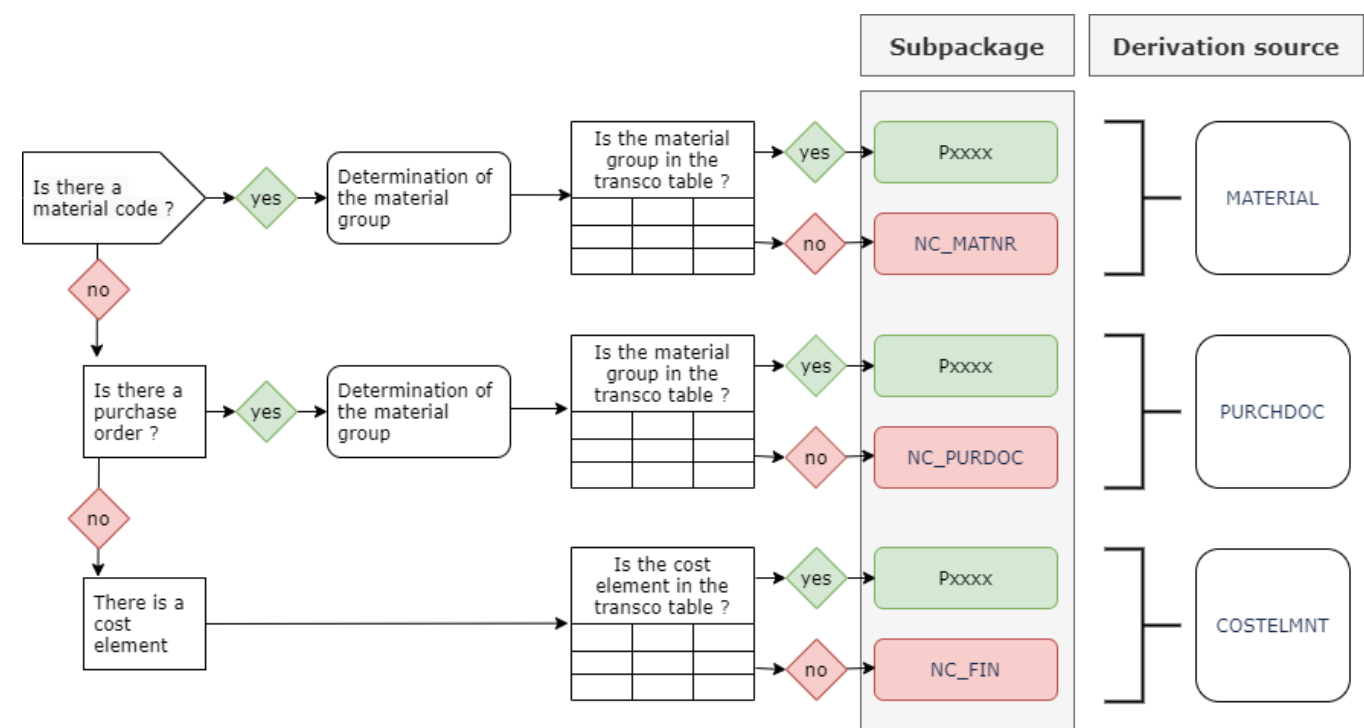
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### Main Principles

The determination of the subpackage is done in 3 steps :

1. There is a material code in the posting, then the program assigns the posting using its material group
2. When there is no material code, then the program uses the material group of the purchase order when there is one to determine the subpackage
3. Where there is nor material code, neither purchase order, the determination of the subpackage is done using the cost element of the posting.



### Exceptions

- **Samples in PF1:** Postings are done directly in COPA ([Origin flow](#): COPA) in the value field VV151 which is fully assigned to the sub-package P20027.
- **IFRS16 Lease** ([Origin flow](#): WCFI\_LEASE): When there is neither article nor purchase order, the determination of the subpackage is done with the segment of vendor (mainly for cars and [BGRS](#) costs).

## Package Derivation Source

The dimension "Package Derivation Source" is used to see how the sub-package is assigned to a posting:

- **MATERIAL:** There is a material code in the posting. A material group is assigned in its master data that is itself assigned to a sub-package,
- **PURCHDOC:** There is no material but a purchase order. There is a material group in the purchase order that is assigned to a sub-package,



### Link Material group => Subpackage

- < What is package taxonomy (PCK)? > shared by PSL Data and Analytics

- **COSTELMNT:** There is neither material nor purchase order. The cost element is used to assign the sub-package,



### Link Cost element => Subpackage

The [Table ZTFI\\_CESBPKG - Cost elements Subpackages mapping](#) is used to map the lowest level cost element group from the [ZSOLV hierarchy](#) to the cost sub-packages.

- **VFIELD:** This dimension is only used when the [origin flow](#) is COPA. Some postings are done directly in COPA and in some cases the assignment to a subpackage is done based on the value field used for the posting,
  - For instance Samples in PF1 are posted in the value field VV151 which is assigned to the subpackage P20233.
- **VENDOR:** This dimension is only used when the [origin flow](#) is WCFI\_LEASE. When there is neither article nor purchase order, the determination of the subpackage is done with the vendor.
- **NERPSYST:** This dimension is only used when the [origin flow](#) is NERP. The subpackage is maintained in the file [TEMPLATE ZCBS\\_BW](#) that is loaded manually in BW.

| Cost Package Derivation Source | Origin Flow | Actual Origin - Conso view (Conv) |
|--------------------------------|-------------|-----------------------------------|
| COSTELMNT                      | WBS         | 75 566 469,19 EUR                 |
|                                | CCA         | 291 744 181,04 EUR                |
|                                | OPA         | 5 746 522,76 EUR                  |
| MATERIAL                       | WBS         | -205 136 967,15 EUR               |
|                                | CCA         | 124 047 950,15 EUR                |
|                                | OPA         | 15 650 379,75 EUR                 |
|                                | COPA        | 456 400,77 EUR                    |
|                                | FI          | 18 737 997,56 EUR                 |
|                                | WCFI_LEASE  | 325 958,95 EUR                    |
| NERPSYST                       | NERP        | 2 277 437,74 EUR                  |
| PURCHDOC                       | WBS         | 10 983 820,36 EUR                 |
|                                | CCA         | 81 940 474,84 EUR                 |
|                                | OPA         | 31 366 329,32 EUR                 |
|                                | WCFI_LEASE  | 8 666 977,05 EUR                  |
| VENDOR                         | WCFI_LEASE  | 453 558,53 EUR                    |
| VFIELD                         | COPA        | 214 835,91 EUR                    |

## Unassigned packages

In some cases a package can not be assigned.

When the assignment is not possible, there is a reason code in the column Cost Sub Package.

- **NC\_MATNR (1):** There is a material code with a material group but the material group is not assigned to a sub-package.

In the example, the material group 0112 (2) is assigned to the material code 1062492 (3) however the material group 0112 is not assigned to a sub-package in the transcodification table.

=> The material group 0112 should be included in the table and assigned to a sub-package.

| Cost Sub Package |                     | Cost Package |              | Cost Macro Package |              | AMOUNT     |
|------------------|---------------------|--------------|--------------|--------------------|--------------|------------|
| NC_FIN           | NC_FIN              | #            | Not assigned | #                  | Not assigned | 8,518.00   |
| NC_MATNR         | NC_MATNR            | #            | Not assigned | #                  | Not assigned | 1,139.28   |
| NC_PURDOC        | NC_PURDOC           | #            | Not assigned | #                  | Not assigned | 20,143.65  |
| P20001           | Base Salary         | P10001       | Internal     | P0001              | People       | 570,804.66 |
| P20002           | Social Charges      | P10001       | Internal     | P0001              | People       | 234,550.70 |
| P20004           | Bonus & Premium PSU | P10001       | Internal     | P0001              | People       | 20,624.34  |

| Cost Sub Package | Cost Package | Cost Macro Package | Material - Material Group | Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| NC_MATNR         | NC_MATNR     | #                  | Not assigned              | 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- **NC\_PURDOC (1):** There is a purchase order with a material group but the material group is not assigned to a sub-package.

In the example, the material group 0078 (2) is not assigned to a sub-package in the transcodification table.

| Cost Sub Package |           | Cost Package |              | Cost Macro Package |              | Purchase Doc - Material Group | AMOUNT              | EUR        |
|------------------|-----------|--------------|--------------|--------------------|--------------|-------------------------------|---------------------|------------|
| NC_PURDOC        | NC_PURDOC | #            | Not assigned | #                  | Not assigned | 0078                          | ELECTRICITY SUPPLY  | 323,571.20 |
| NC_PURDOC        | NC_PURDOC | #            | Not assigned | #                  | Not assigned | 0269                          | TOLLING SVCS        | 735,655.50 |
| NC_PURDOC        | NC_PURDOC | #            | Not assigned | #                  | Not assigned | 0308                          | ENTERPRISE SOFTWARE | 7,830.00   |
| NC_PURDOC        | NC_PURDOC | #            | Not assigned | #                  | Not assigned | 0317                          | GAS /CYLINDER       | 12,751.20  |
| NC_PURDOC        | NC_PURDOC | #            | Not assigned | #                  | Not assigned | 0451                          | PROD >RAW MAT       | 5,190.00   |
| NC_PURDOC        | NC_PURDOC | #            | Not assigned | #                  | Not assigned | 0587                          | GAS /PROC SVCS      | 1,360.00   |

=> The material group 0078 should be included in the table and assigned to a sub-package.

- **NC\_FIN (1):** There is a cost element that is not assigned to a sub-package.

In the example, the cost element 98120010 (2) is not assigned to a sub-package in the transcoding table.

=> The cost element 98120010 should be included in the table and assigned to a sub-package.

| Cost Sub Package |                    |              |              |          |                      | AMOUNT    |
|------------------|--------------------|--------------|--------------|----------|----------------------|-----------|
| Cost Package     | Cost Macro Package | Cost Element |              |          | EUR                  |           |
| NC_FIN           | NC_FIN             | #            | Not assigned | 98120010 | VSE FREIGHT ON SALES | 2,204.56  |
| NC_FIN           | NC_FIN             | #            | Not assigned | 98150890 | VC FREIGHT ON RM PUR |           |
| NC_FIN           | NC_FIN             | #            | Not assigned | 98150970 | SC FREIGHT           | 832.49    |
| NC_FIN           | NC_FIN             | #            | Not assigned | 98300000 | MAINT SUPPL          | 12,198.03 |
| NC_FIN           | NC_FIN             | #            | Not assigned | 98300000 | SC OTHER SERV        | -3,768.27 |
| NC_FIN           | NC_FIN             | #            | Not assigned | 98300000 | MAINTENANCE          | 4,584.00  |
| NC_FIN           | NC_FIN             | #            | Not assigned | 98300000 | FC - MAINTENANCE EGM |           |