



What's New 6.1.4 Release, December 2019

## What's New? 6.1.4 Release

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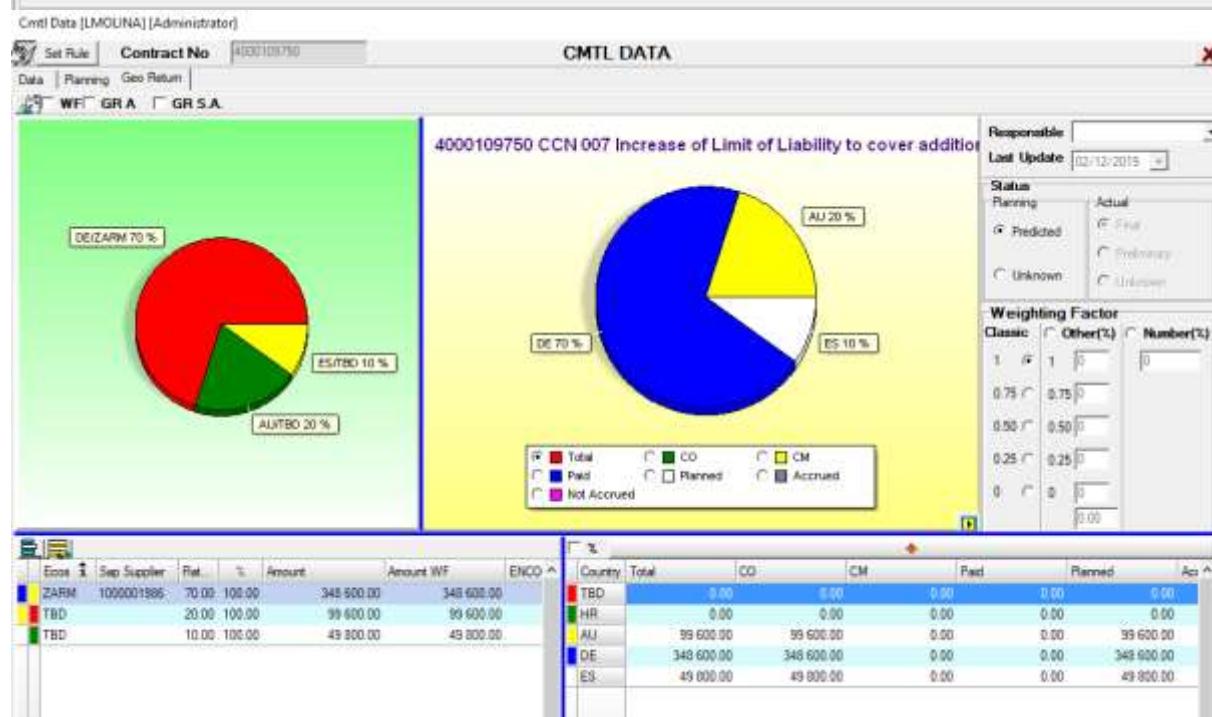
## New Features in Version 6.1.4

### Update proportionally Georeturn

Whenever the amount of a commitment with a multiple Georeturn distribution (at least 2) is modified, this new feature will allow users to choose whether to update the defined/special Georeturn distribution proportionally or not. To inform users and apply the update Georeturn accordingly, a message is popping up within the CMTL DATA window, as soon as the amount is changed. Same process via “Duplicate and Open”.

If the user choose to -not update proportionally- the current Georeturn distribution, then the database is creating a TBD line of the added amount (+/-). Please note, negative TBD Georeturn will not be validated as such and shall be distributed manually.

#### a- Original commitment & Georeturn distribution:



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b- Committed amount decreased and proportionally Georeturn distribution update selected (ratio per country remains):

Credit Data [CM03L16A] [Administrator]

|  |                         |   |                  |                                |                          |
|--|-------------------------|---|------------------|--------------------------------|--------------------------|
| <input checked="" type="checkbox"/> Set Rule   | Contract No.            | 4000100750  | CMTL DATA        |                                |                          |
| Data   Planning   Geo Return   |                         |   |                  |                                |                          |
| Commitment Status:<br><input checked="" type="radio"/> CO <input type="radio"/> CM                           |                         | Special GeoReturn:<br><input checked="" type="radio"/> No <input type="radio"/> Yes |                  | <input type="checkbox"/> Risk  |                          |
| Buyers:  |                         | 0BS:  | ABS:             | Item:                          | CMTL Date:<br>14/05/2019 |
| Bukey:   | D:                      | B:  | Output:          | EPA:                           |                          |
|  | C                       | I   | 587              | 541                            |                          |
| Project Group: Non-ISS Payloads and Platforms  |                         |   |                  |                                |                          |
| Custom Filter WBS: E/0160-01-F / Launch services   |                         | Custom Filter GL: 6042100   |                  | Custom Filter Fund: E/0160-01S |                          |
| WBS SAP: <input checked="" type="radio"/> Cost Center: 541   |                         | GL SAP: 507   |                  | Fund SAP: 507                  |                          |
| PT   |                         |   |                  |                                |                          |
| Financial Data:  |                         |   |                  |                                |                          |
| Company: ZARM  | Sap Company: 1000001986 | Currency: EUR   | Country: GERMANY | Amount in Currency: 455 000,00 | Paid in Currency: 0,00   |
| Link in Currency: 0,00   |                         |   |                  |                                |                          |
| Automatic Update GR: <input checked="" type="checkbox"/>   |                         |   |                  |                                |                          |
| Weighting Factor: C 0,75 P 0,15 F 0,10   |                         |   |                  |                                |                          |
| Amount in Euro: 455 000,00 Paid in €: 0,00 Link in €: 0,00   |                         |   |                  |                                |                          |
| Avertissement: Do you want to update the Georeturn proportionally? If No, the delta will be assigned to TBD. |                         |   |                  |                                |                          |
| <input type="button" value="Qui"/> <input type="button" value="Non"/>  |                         |   |                  |                                |                          |

CMTL Data [LMOLINA] [Administrator]

Set Rule Contract No: 4000109750

Date Planning Geo Return

WF GR A GR S.A.

**CMTL DATA**

4000109750 CCN 007 Increase of Limit of Liability to cover additional costs

| Country | Total      | CO         | CM   | Paid | Planned    | Accrued   |
|---------|------------|------------|------|------|------------|-----------|
| TBD     | 0.00       | 0.00       | 0.00 | 0.00 | 0.00       | 0.00      |
| HR      | 0.00       | 0.00       | 0.00 | 0.00 | 0.00       | 0.00      |
| AU      | 90 000.00  | 90 000.00  | 0.00 | 0.00 | 0.00       | 90 000.00 |
| DE      | 315 000.00 | 315 000.00 | 0.00 | 0.00 | 315 000.00 | 0.00      |
| ES      | 45 000.00  | 45 000.00  | 0.00 | 0.00 | 0.00       | 45 000.00 |

c- Committed amount decreased and proportionally Georeturn distribution not updated, but creation of a TBD delta assigned to a negative Georeturn line:

Cmt Data [LMOLINA] [Administrator]

Contract No. 4000109750 CMTL DATA

Data | Planning | Geo Return |

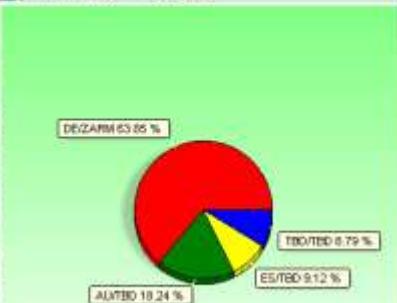
|   |  |                                  |  |                                |                        |                        |
|---|--|----------------------------------|--|--------------------------------|------------------------|------------------------|
| Commitment Status<br><input checked="" type="radio"/> CO <input type="radio"/> CM   | Special GeoReturn<br><input checked="" type="radio"/> No <input type="radio"/> Yes | Risk<br><input type="checkbox"/> |  |                                |                        |                        |
| Balanc.<br>Dr. 1<br>Cr. 1   | Output<br>EPA: 587   | DBS: ABS Item: 14/05/2019        |  |                                |                        |                        |
| Project Group: Non-ISS Payloads and Platforms   |  |                                  |  |                                |                        |                        |
| Custom Filter WBS: E/0100-ST-F / Launch services  |  | Custom Filter GL: 6042100        |  |                                |                        |                        |
| WBS SAP: Cost Center: 541   |  | Custom Filter Fund: E/0100-015   |  |                                |                        |                        |
| PT  |  |                                  |  |                                |                        |                        |
| Financial Data  |  |                                  |  |                                |                        |                        |
| Company: ZARM   | Sap Company: 1000001986  | Currency: EUR                    | Country: GERMANY   | Amount in Currency: 450 000,00 | Paid in Currency: 0,00 | Link in Currency: 0,00 |
| Automatic Update GR: <input checked="" type="checkbox"/>  |  |                                  | Amount in Euro: 450 000,00 Paid in €: 0,00 Link in €: 0,00 |                                |                        |                        |
| Weighting Factor:<br>1.00 0.75 0.50 0.25 0.00   |  |                                  |  |                                |                        |                        |
| Comment:  |  |                                  |  |                                |                        |                        |
| <b>Avertissement:</b><br> Do you want to update the Georeturn proportionally?<br><input type="button"/> Oui <input type="button"/> Non |  |                                  |  |                                |                        |                        |

Cmt Data [LMOLINA] [Administrator]

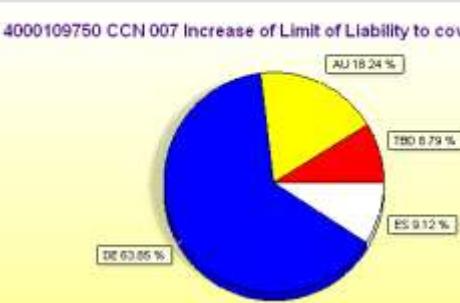
Contract No. 4000109750 CMTL DATA

Data | Planning | Geo Return |

WFT  GRA  GR S.A.



4000109750 CCN 007 Increase of Limit of Liability to cover additional costs



Responsible: Last Update: 03/12/2019

|   |  |
|---|--|
| Status: Planning                              | Actual: <input type="checkbox"/> Final |
| <input checked="" type="checkbox"/> Predicted | <input type="checkbox"/> Preliminary   |
| <input type="checkbox"/> Unknown              | <input type="checkbox"/> Unknown       |

Weighting Factor:

|               |                                    |                                     |
|---------------|------------------------------------|-------------------------------------|
| Classic: 1.00 | Other(%): <input type="checkbox"/> | Number(%): <input type="checkbox"/> |
| 0.75          | 0.75                               | <input type="checkbox"/>            |
| 0.50          | 0.50                               | <input type="checkbox"/>            |
| 0.25          | 0.25                               | <input type="checkbox"/>            |
| 0.00          | 0.00                               | <input type="checkbox"/>            |

| Eccs | Sap Supplier | Ref.   | %      | Amount     | Amount WF  | ENCD |
|------|--------------|--------|--------|------------|------------|------|
| ZARM | 1000001986   | 77.47  | 100.00 | 348 600,00 | 348 600,00 |      |
| TBD  |              | 22.13  | 100.00 | 99 600,00  | 99 600,00  |      |
| TBD  |              | 11.07  | 100.00 | 49 800,00  | 49 800,00  |      |
| TBD  |              | -10.67 | 100.00 | -48 000,00 | -48 000,00 |      |

| Country | Total      | CO         | CM   | Paid | Planned    | Act |
|---------|------------|------------|------|------|------------|-----|
| TBD     | 450 000,00 | 450 000,00 | 0,00 | 0,00 | 450 000,00 |     |
| HR      | 0,00       | 0,00       | 0,00 | 0,00 | 0,00       |     |
| AU      | 99 600,00  | 99 600,00  | 0,00 | 0,00 | 99 600,00  |     |
| DE      | 348 600,00 | 348 600,00 | 0,00 | 0,00 | 348 600,00 |     |
| ES      | 49 800,00  | 49 800,00  | 0,00 | 0,00 | 49 800,00  |     |
| Total   | 450 000,00 | 450 000,00 | 0,00 | 0,00 | 450 000,00 |     |

d- Committed amount increased and proportionally Georeturn distribution update not selected, resulting in the creation of a single positive TBD line:

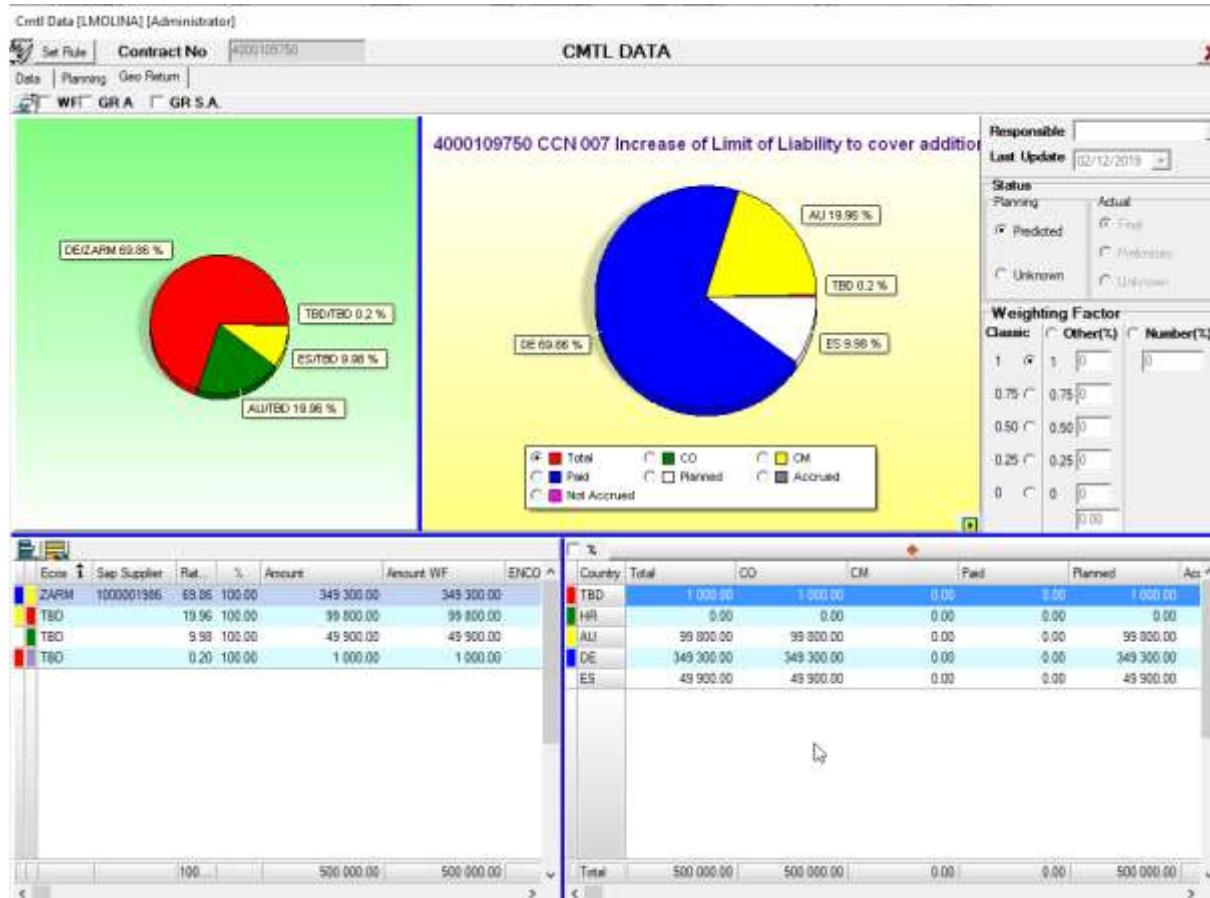
Cmtl Data [LMOLINA] [Administrator]

Contract No: 4000109750

**CMTL DATA**

Data | Planning | Geo Return |

|  |                                     |                          |                    |                                     |                           |                               |       |            |
|--|-------------------------------------|--------------------------|--------------------|-------------------------------------|---------------------------|-------------------------------|-------|------------|
| Commitment Status:   | <input checked="" type="radio"/> CO | <input type="radio"/> CM | Special GeoReturn: | <input checked="" type="radio"/> No | <input type="radio"/> Yes | <input type="checkbox"/> Risk |       |            |
| Bukey:   | Dr:                                 | Bl:                      | Output:            | EPA:                                | OBS                       | ABS                           | Item: | 14/05/2019 |
| <input checked="" type="checkbox"/>  | C                                   | T                        | 567                | 541                                 |                           |                               |       |            |
| Project Group: Non-ESS Payloads and Platforms  |                                     |                          |                    |                                     |                           |                               |       |            |
| Custom Filter WBS:   |                                     |                          | Custom Filter GL:  |                                     | Custom Filter Fund:       |                               |       |            |
| E/0160-01.F / Launch services  |                                     |                          | 6042100            |                                     | E/0160-015                |                               |       |            |
| WBS SAP:   | Cost Center:                        |                          | 541                |                                     | 567                       |                               |       |            |
| Financial Data:  |                                     |                          |                    |                                     |                           |                               |       |            |
| Company:   | Sap Company:                        | Currency:                | Country:           | Amount in Currency:                 | Paid in Currency:         | Link in Currency:             |       |            |
| ZARM   | 1000001986                          | EUR                      | GERMANY            | 500 000.00                          | 0.00                      | 0.00                          |       |            |
| Automatic Update GR: <input checked="" type="checkbox"/>   |                                     |                          |                    |                                     |                           |                               |       |            |
| Weighting Factor: 0.75 0.15 0.10 0.00  |                                     |                          |                    |                                     |                           |                               |       |            |
| Amount in Euro: 500 000.00 Paid in €: 0.00 Link in €: 0.00   |                                     |                          |                    |                                     |                           |                               |       |            |
| Avertissement  |                                     |                          |                    |                                     |                           |                               |       |            |
|  Do you want to update the Georeturn proportionally?<br>If No, the delta will be assigned to TBD. |                                     |                          |                    |                                     |                           |                               |       |            |
| <input type="button" value="Qui"/> <input type="button" value="Non"/>  |                                     |                          |                    |                                     |                           |                               |       |            |



## WPM Project/Fund

### New tick box "All Funds"

This new tick box "All Funds" was requested by the IPCDB administrator and allows users to access to all funds drop down list, even though the "personal Filter" is ticked within the WPM.



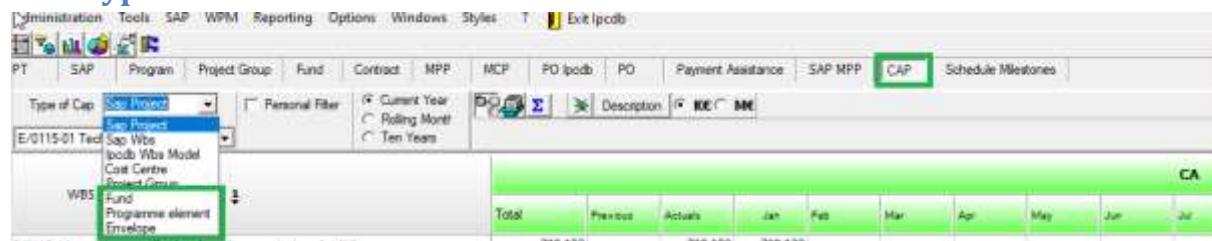
## Fixed Bugs from the 6.1.4 Version

| No Mantis               | Tab                       | Description   |
|-------------------------|---------------------------|---|
| <a href="#">0001411</a> | GeoReturn                 | Create an option for user to choose to update a complex Georeturn distribution proportionally or not                                  |
| <a href="#">0001238</a> | GeoReturn                 | GeoReturn amount automatically re-calculated when CMTL amount changes   |
| <a href="#">0001244</a> | Tab CAP                   | Dynamic CAP View - Item 4 - Add "Program", "Segment" or "fund" queries  |
| <a href="#">0001300</a> | Workforce Planning Module | 2.7 WPM Improvement; Formater les nombres de la grille avec 3 chiffres après la virgule, en rouge si négatif, en bleu si CJI3 calculé |
| <a href="#">0001306</a> | Workforce Planning Module | WPM Regression DVPT: Les taux rentrés sous les catégories « Manpower Cat C Industrial » et « Class E : AdmITFM » s'auto écrasent      |
| <a href="#">0001368</a> | Tab CAP                   | CMTL of 0€ ignored in the CAP View  |
| <a href="#">0001385</a> | Tab CAP                   | Cap view filtering out CMTL at zero   |
| <a href="#">0001413</a> | Georeturn                 | Georeturn: proportionally Georeturn distribution lost whenever duplicate CMT is saved in CO   |
| <a href="#">0001410</a> | Commitment line screen    | Defaut PT: Create a new feature "default IPCDB WP" with the CMT windows when user creates a new CMT                                   |
| <a href="#">0001367</a> | Commitment line screen    | Defaut PT: cannot always select "create default IPCDB WP", but only existing WP   |
| <a href="#">0001369</a> | tab CAP                   | CAP PG & Fund: Missing part of WBS coding in this type of CAP   |
| <a href="#">0001425</a> | Workforce                 | 2.2 WPM: Please add a button "All funds" to access to all funds   |

| No Mantis               | Tab              | Description   |
|-------------------------|------------------|---|
| <a href="#">0001411</a> | GeoReturn        | Create an option for user to choose to update a complex Georturn distribution proportionally or not |
| <a href="#">0001238</a> | GeoReturn        | GeoReturn amount automatically re-calculated when CMTL amount changes                               |
|                         | Planning Module  | even when "personal filter" is ticked   |
| <a href="#">0000962</a> | Work Request     | 04-EROS Compare report  |
| <a href="#">0001218</a> | General IPCDB    | 03- instal exe pour IPCDB et BO   |
| <a href="#">0001309</a> | Business Objects | 00- BO IPCDB baseline comparison by RBS?  |
| <a href="#">0001308</a> | Business Objects | 00- BO IPCDB baseline comparison by fund01 01 update  |
| <a href="#">0001196</a> | Business Objects | 00-BUG BO Chart konstantin montant top 10 EVT CTR pas bon!  |

## Revisions in version 6.1.3

### New types of CAPs

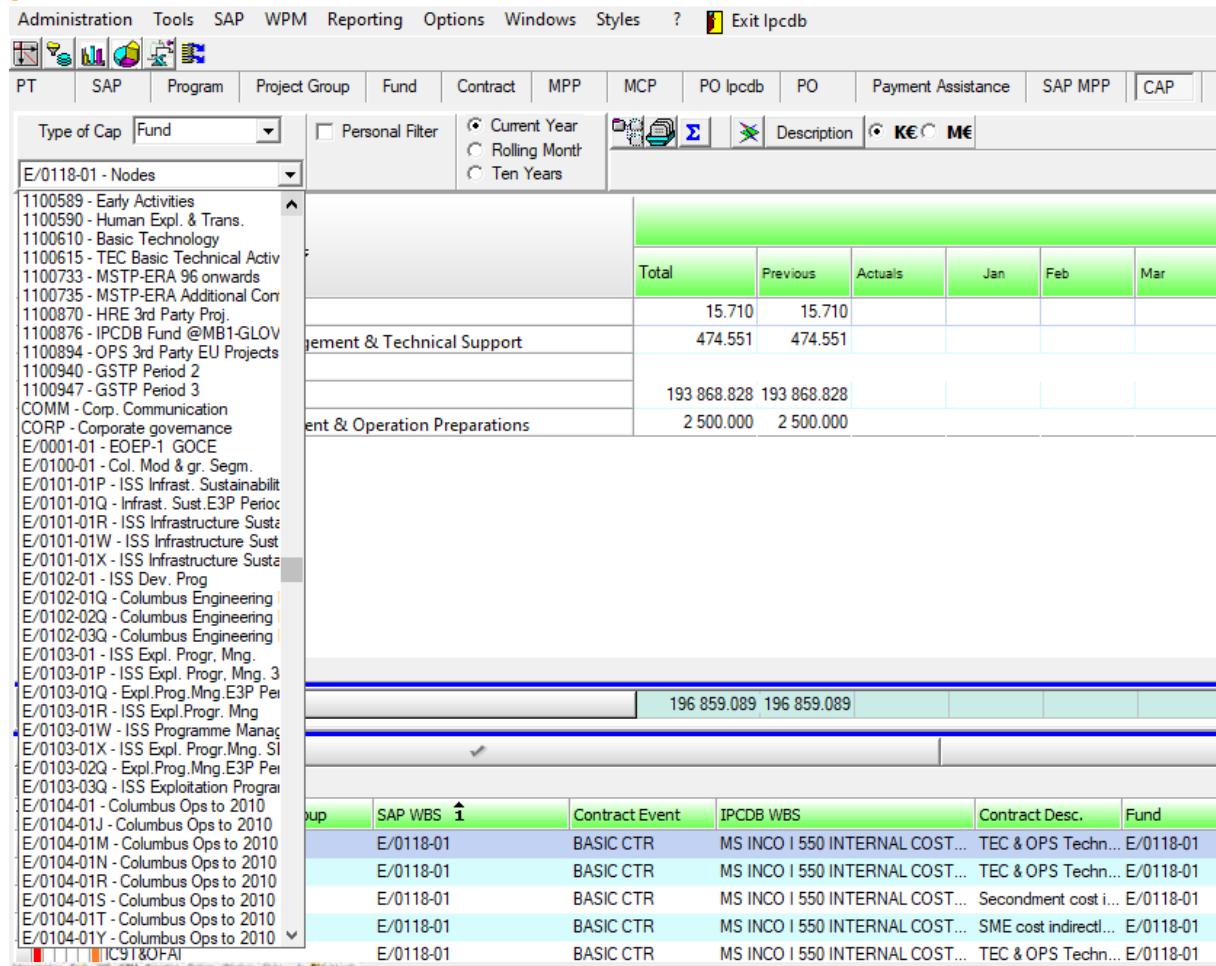




## What's New 6.1.4 Release, December 2019

CAP Fund

[BASE: IPCDB] [SCHEMA: esa] [USER: LMOLINA] [ROLE: Administrator] 6.1.3.19



| ID       | Name          | Project ID | Project Name       | Complaints Log |            |              |          |            |                          |          |                           |      |           |            |          |                |
|----------|---------------|------------|--------------------|----------------|------------|--------------|----------|------------|--------------------------|----------|---------------------------|------|-----------|------------|----------|----------------|
|          |               |            |                    | Created Date   | Project ID | Project Name | Priority | Due Date   | Subject                  | Type     | Location                  | Lat  | Long      | Log Date   | Log Time | Log Status     |
| C1234567 | John Doe      | BHAC-CTR   | BHAC Complaint Log | 2023-01-01     | 1234567    | BHAC Project | High     | 2023-01-15 | Water Leaking            | Incident | 123 Main St, Anytown, USA | 37.5 | -75.2     | 2023-01-02 | 10:00:00 | Pending Review |
| C1234568 | Jane Doe      | BHAC-CTR   | BHAC Complaint Log | 2023-01-02     | 1234568    | BHAC Project | Medium   | 2023-01-16 | Power Outage             | Incident | 456 Elm St, Anytown, USA  | 37.5 | -75.3     | 2023-01-03 | 11:00:00 | Resolved       |
| C1234569 | Bob Smith     | BHAC-CTR   | BHAC Complaint Log | 2023-01-03     | 1234569    | BHAC Project | Low      | 2023-01-17 | Street Light Out         | Incident | 789 Pine St, Anytown, USA | 37.5 | -75.4     | 2023-01-04 | 12:00:00 | Pending Review |
| C1234570 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-04     | 1234570    | BHAC Project | Medium   | 2023-01-18 | Garbage Pile             | Incident | 123 Main St, Anytown, USA | 37.5 | -75.5     | 2023-01-05 | 13:00:00 | Pending Review |
| C1234571 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-05     | 1234571    | BHAC Project | High     | 2023-01-19 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -75.6     | 2023-01-06 | 14:00:00 | Pending Review |
| C1234572 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-06     | 1234572    | BHAC Project | Medium   | 2023-01-20 | Public Space Maintenance | Incident | 789 Pine St, Anytown, USA | 37.5 | -75.7     | 2023-01-07 | 15:00:00 | Pending Review |
| C1234573 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-07     | 1234573    | BHAC Project | Low      | 2023-01-21 | Community Garden         | Incident | 123 Main St, Anytown, USA | 37.5 | -75.8     | 2023-01-08 | 16:00:00 | Pending Review |
| C1234574 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-08     | 1234574    | BHAC Project | Medium   | 2023-01-22 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -75.9     | 2023-01-09 | 17:00:00 | Pending Review |
| C1234575 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-09     | 1234575    | BHAC Project | High     | 2023-01-23 | Public Space Maintenance | Incident | 789 Pine St, Anytown, USA | 37.5 | -76.0     | 2023-01-10 | 18:00:00 | Pending Review |
| C1234576 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-10     | 1234576    | BHAC Project | Medium   | 2023-01-24 | Community Garden         | Incident | 123 Main St, Anytown, USA | 37.5 | -76.1     | 2023-01-11 | 19:00:00 | Pending Review |
| C1234577 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-11     | 1234577    | BHAC Project | Low      | 2023-01-25 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -76.2     | 2023-01-12 | 20:00:00 | Pending Review |
| C1234578 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-12     | 1234578    | BHAC Project | Medium   | 2023-01-26 | Public Space Maintenance | Incident | 789 Pine St, Anytown, USA | 37.5 | -76.3     | 2023-01-13 | 21:00:00 | Pending Review |
| C1234579 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-13     | 1234579    | BHAC Project | High     | 2023-01-27 | Community Garden         | Incident | 123 Main St, Anytown, USA | 37.5 | -76.4     | 2023-01-14 | 22:00:00 | Pending Review |
| C1234580 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-14     | 1234580    | BHAC Project | Medium   | 2023-01-28 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -76.5     | 2023-01-15 | 23:00:00 | Pending Review |
| C1234581 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-15     | 1234581    | BHAC Project | Low      | 2023-01-29 | Public Space Maintenance | Incident | 789 Pine St, Anytown, USA | 37.5 | -76.6     | 2023-01-16 | 00:00:00 | Pending Review |
| C1234582 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-16     | 1234582    | BHAC Project | Medium   | 2023-01-30 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -76.7     | 2023-01-17 | 01:00:00 | Pending Review |
| C1234583 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-17     | 1234583    | BHAC Project | High     | 2023-01-31 | Public Space Maintenance | Incident | 456 Elm St, Anytown, USA  | 37.5 | -76.8     | 2023-01-18 | 02:00:00 | Pending Review |
| C1234584 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-18     | 1234584    | BHAC Project | Medium   | 2023-01-32 | Community Garden         | Incident | 789 Pine St, Anytown, USA | 37.5 | -76.9     | 2023-01-19 | 03:00:00 | Pending Review |
| C1234585 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-19     | 1234585    | BHAC Project | Low      | 2023-01-33 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -77.0     | 2023-01-20 | 04:00:00 | Pending Review |
| C1234586 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-20     | 1234586    | BHAC Project | Medium   | 2023-01-34 | Public Space Maintenance | Incident | 456 Elm St, Anytown, USA  | 37.5 | -77.1     | 2023-01-21 | 05:00:00 | Pending Review |
| C1234587 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-21     | 1234587    | BHAC Project | High     | 2023-01-35 | Community Garden         | Incident | 789 Pine St, Anytown, USA | 37.5 | -77.2     | 2023-01-22 | 06:00:00 | Pending Review |
| C1234588 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-22     | 1234588    | BHAC Project | Medium   | 2023-01-36 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -77.3     | 2023-01-23 | 07:00:00 | Pending Review |
| C1234589 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-23     | 1234589    | BHAC Project | Low      | 2023-01-37 | Public Space Maintenance | Incident | 456 Elm St, Anytown, USA  | 37.5 | -77.4     | 2023-01-24 | 08:00:00 | Pending Review |
| C1234590 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-24     | 1234590    | BHAC Project | Medium   | 2023-01-38 | Neighborhood Watch       | Incident | 789 Pine St, Anytown, USA | 37.5 | -77.5     | 2023-01-25 | 09:00:00 | Pending Review |
| C1234591 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-25     | 1234591    | BHAC Project | High     | 2023-01-39 | Community Garden         | Incident | 123 Main St, Anytown, USA | 37.5 | -77.6     | 2023-01-26 | 10:00:00 | Pending Review |
| C1234592 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-26     | 1234592    | BHAC Project | Medium   | 2023-01-40 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -77.7     | 2023-01-27 | 11:00:00 | Pending Review |
| C1234593 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-27     | 1234593    | BHAC Project | Low      | 2023-01-41 | Public Space Maintenance | Incident | 789 Pine St, Anytown, USA | 37.5 | -77.8     | 2023-01-28 | 12:00:00 | Pending Review |
| C1234594 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-28     | 1234594    | BHAC Project | Medium   | 2023-01-42 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -77.9     | 2023-01-29 | 13:00:00 | Pending Review |
| C1234595 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-29     | 1234595    | BHAC Project | High     | 2023-01-43 | Community Garden         | Incident | 456 Elm St, Anytown, USA  | 37.5 | -78.0     | 2023-01-30 | 14:00:00 | Pending Review |
| C1234596 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-30     | 1234596    | BHAC Project | Medium   | 2023-01-44 | Neighborhood Watch       | Incident | 789 Pine St, Anytown, USA | 37.5 | -78.1     | 2023-01-31 | 15:00:00 | Pending Review |
| C1234597 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-31     | 1234597    | BHAC Project | Low      | 2023-01-45 | Public Space Maintenance | Incident | 123 Main St, Anytown, USA | 37.5 | -78.2     | 2023-01-32 | 16:00:00 | Pending Review |
| C1234598 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-32     | 1234598    | BHAC Project | Medium   | 2023-01-46 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -78.3     | 2023-01-33 | 17:00:00 | Pending Review |
| C1234599 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-33     | 1234599    | BHAC Project | High     | 2023-01-47 | Community Garden         | Incident | 789 Pine St, Anytown, USA | 37.5 | -78.4     | 2023-01-34 | 18:00:00 | Pending Review |
| C1234600 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-34     | 1234600    | BHAC Project | Medium   | 2023-01-48 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -78.5     | 2023-01-35 | 19:00:00 | Pending Review |
| C1234601 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-35     | 1234601    | BHAC Project | Low      | 2023-01-49 | Public Space Maintenance | Incident | 456 Elm St, Anytown, USA  | 37.5 | -78.6     | 2023-01-36 | 20:00:00 | Pending Review |
| C1234602 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-36     | 1234602    | BHAC Project | Medium   | 2023-01-50 | Neighborhood Watch       | Incident | 789 Pine St, Anytown, USA | 37.5 | -78.7     | 2023-01-37 | 21:00:00 | Pending Review |
| C1234603 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-37     | 1234603    | BHAC Project | High     | 2023-01-51 | Community Garden         | Incident | 123 Main St, Anytown, USA | 37.5 | -78.8     | 2023-01-38 | 22:00:00 | Pending Review |
| C1234604 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-38     | 1234604    | BHAC Project | Medium   | 2023-01-52 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -78.9     | 2023-01-39 | 23:00:00 | Pending Review |
| C1234605 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-39     | 1234605    | BHAC Project | Low      | 2023-01-53 | Public Space Maintenance | Incident | 789 Pine St, Anytown, USA | 37.5 | -79.0     | 2023-01-40 | 00:00:00 | Pending Review |
| C1234606 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-40     | 1234606    | BHAC Project | Medium   | 2023-01-54 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -79.1     | 2023-01-41 | 01:00:00 | Pending Review |
| C1234607 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-41     | 1234607    | BHAC Project | High     | 2023-01-55 | Community Garden         | Incident | 456 Elm St, Anytown, USA  | 37.5 | -79.2     | 2023-01-42 | 02:00:00 | Pending Review |
| C1234608 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-42     | 1234608    | BHAC Project | Medium   | 2023-01-56 | Neighborhood Watch       | Incident | 789 Pine St, Anytown, USA | 37.5 | -79.3     | 2023-01-43 | 03:00:00 | Pending Review |
| C1234609 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-43     | 1234609    | BHAC Project | Low      | 2023-01-57 | Public Space Maintenance | Incident | 123 Main St, Anytown, USA | 37.5 | -79.4     | 2023-01-44 | 04:00:00 | Pending Review |
| C1234610 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-44     | 1234610    | BHAC Project | Medium   | 2023-01-58 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -79.5     | 2023-01-45 | 05:00:00 | Pending Review |
| C1234611 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-45     | 1234611    | BHAC Project | High     | 2023-01-59 | Community Garden         | Incident | 789 Pine St, Anytown, USA | 37.5 | -79.6     | 2023-01-46 | 06:00:00 | Pending Review |
| C1234612 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-46     | 1234612    | BHAC Project | Medium   | 2023-01-60 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -79.7     | 2023-01-47 | 07:00:00 | Pending Review |
| C1234613 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-47     | 1234613    | BHAC Project | Low      | 2023-01-61 | Public Space Maintenance | Incident | 456 Elm St, Anytown, USA  | 37.5 | -79.8     | 2023-01-48 | 08:00:00 | Pending Review |
| C1234614 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-48     | 1234614    | BHAC Project | Medium   | 2023-01-62 | Neighborhood Watch       | Incident | 789 Pine St, Anytown, USA | 37.5 | -79.9     | 2023-01-49 | 09:00:00 | Pending Review |
| C1234615 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-49     | 1234615    | BHAC Project | High     | 2023-01-63 | Community Garden         | Incident | 123 Main St, Anytown, USA | 37.5 | -80.0     | 2023-01-50 | 10:00:00 | Pending Review |
| C1234616 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-50     | 1234616    | BHAC Project | Medium   | 2023-01-64 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -80.1     | 2023-01-51 | 11:00:00 | Pending Review |
| C1234617 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-51     | 1234617    | BHAC Project | Low      | 2023-01-65 | Public Space Maintenance | Incident | 789 Pine St, Anytown, USA | 37.5 | -80.2     | 2023-01-52 | 12:00:00 | Pending Review |
| C1234618 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-52     | 1234618    | BHAC Project | Medium   | 2023-01-66 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -80.3     | 2023-01-53 | 13:00:00 | Pending Review |
| C1234619 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-53     | 1234619    | BHAC Project | High     | 2023-01-67 | Community Garden         | Incident | 456 Elm St, Anytown, USA  | 37.5 | -80.4     | 2023-01-54 | 14:00:00 | Pending Review |
| C1234620 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-54     | 1234620    | BHAC Project | Medium   | 2023-01-68 | Neighborhood Watch       | Incident | 789 Pine St, Anytown, USA | 37.5 | -80.5     | 2023-01-55 | 15:00:00 | Pending Review |
| C1234621 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-55     | 1234621    | BHAC Project | Low      | 2023-01-69 | Public Space Maintenance | Incident | 123 Main St, Anytown, USA | 37.5 | -80.6     | 2023-01-56 | 16:00:00 | Pending Review |
| C1234622 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-56     | 1234622    | BHAC Project | Medium   | 2023-01-70 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -80.7     | 2023-01-57 | 17:00:00 | Pending Review |
| C1234623 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-57     | 1234623    | BHAC Project | High     | 2023-01-71 | Community Garden         | Incident | 789 Pine St, Anytown, USA | 37.5 | -80.8     | 2023-01-58 | 18:00:00 | Pending Review |
| C1234624 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-58     | 1234624    | BHAC Project | Medium   | 2023-01-72 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -80.9     | 2023-01-59 | 19:00:00 | Pending Review |
| C1234625 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-59     | 1234625    | BHAC Project | Low      | 2023-01-73 | Public Space Maintenance | Incident | 456 Elm St, Anytown, USA  | 37.5 | -81.0     | 2023-01-60 | 20:00:00 | Pending Review |
| C1234626 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-60     | 1234626    | BHAC Project | Medium   | 2023-01-74 | Neighborhood Watch       | Incident | 789 Pine St, Anytown, USA | 37.5 | -81.1     | 2023-01-61 | 21:00:00 | Pending Review |
| C1234627 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-61     | 1234627    | BHAC Project | High     | 2023-01-75 | Community Garden         | Incident | 123 Main St, Anytown, USA | 37.5 | -81.2     | 2023-01-62 | 22:00:00 | Pending Review |
| C1234628 | Emily Davis   | BHAC-CTR   | BHAC Complaint Log | 2023-01-62     | 1234628    | BHAC Project | Medium   | 2023-01-76 | Neighborhood Watch       | Incident | 456 Elm St, Anytown, USA  | 37.5 | -81.3     | 2023-01-63 | 23:00:00 | Pending Review |
| C1234629 | Michael Green | BHAC-CTR   | BHAC Complaint Log | 2023-01-63     | 1234629    | BHAC Project | Low      | 2023-01-77 | Public Space Maintenance | Incident | 789 Pine St, Anytown, USA | 37.5 | -81.4     | 2023-01-64 | 00:00:00 | Pending Review |
| C1234630 | Sarah Johnson | BHAC-CTR   | BHAC Complaint Log | 2023-01-64     | 1234630    | BHAC Project | Medium   | 2023-01-78 | Neighborhood Watch       | Incident | 123 Main St, Anytown, USA | 37.5 | -81.5     | 2023-01-65 | 01:00:00 | Pending Review |
| C1234631 | David Wilson  | BHAC-CTR   | BHAC Complaint Log | 2023-01-65     | 1234631    | BHAC Project | High     | 2023-01-79 | Community Garden         | Incident | 456 Elm St, Anytown, USA  | 37.5 | -81.6</td |            |          |                |



## What's New 6.1.4 Release, December 2019

### CAP Programme element

Administration Tools SAP WPM Reporting Options Windows Styles ? Exit lpcdb

PT SAP Program Project Group Fund Contract MPP MCP PO lpcdb PO Payment Assistance SAP MPP CAP

Type of Cap Programme elem ▾ Personal Filter Current Year Rolling Month Ten Years Description Description K€ M€

|                                       | Total | Previous | Actuals | Jan | Feb | Mar |
|---------------------------------------|-------|----------|---------|-----|-----|-----|
| 1100053 - Esrang                      |       |          |         |     |     |     |
| 1100060 - General Studies             |       |          |         |     |     |     |
| 1100063 - ESA Education Programme     |       |          |         |     |     |     |
| 1100070 - LTDP-2/Long-Term Data F     |       |          |         |     |     |     |
| 1100101 - Prodex                      |       |          |         |     |     |     |
| 1100120 - Mission Preparation         |       |          |         |     |     |     |
| 1100130 - Cooperative Activities      |       |          |         |     |     |     |
| 1100154 - ELIPS-1                     |       |          |         |     |     |     |
| 1100155 - ELIPS 2                     |       |          |         |     |     |     |
| 1100156 - ELIPS-3                     |       |          |         |     |     |     |
| 1100157 - ELIPS 4 (current e.c.)      |       |          |         |     |     |     |
| 1100158 - ELIPS 4 Technology Comp     |       |          |         |     |     |     |
| 1100161 - EMIR-2                      |       |          |         |     |     |     |
| 1100162 - EMIR-2 ext                  |       |          |         |     |     |     |
| 1100165 - CLOSED:MPC                  |       |          |         |     |     |     |
| 1100170 - Bepi Colombo                |       |          |         |     |     |     |
| 1100173 - Gaia                        |       |          |         |     |     |     |
| 1100198 - Compensation NL             |       |          |         |     |     |     |
| 1100299 - ExoMars SCI internal & Ope  |       |          |         |     |     |     |
| 1100352 - FLPP21                      |       |          |         |     |     |     |
| 1100359 - FLPP22_IXV                  |       |          |         |     |     |     |
| 1100420 - ACEP                        |       |          |         |     |     |     |
| 1100460 - Core Technology Programr    |       |          |         |     |     |     |
| 1100485 - COOLMBUS-DMS                |       |          |         |     |     |     |
| 1100486 - COLUMBUS - DMS E. Del       |       |          |         |     |     |     |
| 1100520 - ISS Exploitation EA         |       |          |         |     |     |     |
| 1100522 - ISS Exploitation P1         |       |          |         |     |     |     |
| 1100525 - ISS Exploitation P2         |       |          |         |     |     |     |
| 1100530 - ISS Exploitation EA         |       |          |         |     |     |     |
| 1100532 - ISS Exploitation P1         |       |          |         |     |     |     |
| 1100535 - ISS Exploitation P2         |       |          |         |     |     |     |
| 1100542 - ISS Exploitation P3         |       |          |         |     |     |     |
| 1100545 - ISS Expl.P3 Prov Fixed      |       |          |         |     |     |     |
| 1100546 - ISS Expl.Ph 2 First Binding |       |          |         |     |     |     |
| 1100547 - ISS Expl. Ph 2 Second Bin   |       |          |         |     |     |     |
| 1100548 - ISS Expl.Ph 2 Third Binding |       |          |         |     |     |     |
| 1100549B - European Exploration Env   |       |          |         |     |     |     |
| 1100549C - E3P Period 3               |       |          |         |     |     |     |
| 1100550 - ISS Development             |       |          |         |     |     |     |
| 1100557 - ISS-CRV                     |       |          |         |     |     |     |

Administration Tools SAP WPM Reporting Options Windows Styles ? Exit lpcdb

PT SAP Program Project Group Fund Contract MPP MCP PO lpcdb PO Payment Assistance SAP MPP CAP

Type of Cap Programme elem ▾ Personal Filter Current Year Rolling Month Ten Years Description Description K€ M€

|                                       | Total | Previous | Actuals | Jan | Feb | Mar |
|---------------------------------------|-------|----------|---------|-----|-----|-----|
| 1100053 - Esrang                      |       |          |         |     |     |     |
| 1100060 - General Studies             |       |          |         |     |     |     |
| 1100063 - ESA Education Programme     |       |          |         |     |     |     |
| 1100070 - LTDP-2/Long-Term Data F     |       |          |         |     |     |     |
| 1100101 - Prodex                      |       |          |         |     |     |     |
| 1100120 - Mission Preparation         |       |          |         |     |     |     |
| 1100130 - Cooperative Activities      |       |          |         |     |     |     |
| 1100154 - ELIPS-1                     |       |          |         |     |     |     |
| 1100155 - ELIPS 2                     |       |          |         |     |     |     |
| 1100156 - ELIPS-3                     |       |          |         |     |     |     |
| 1100157 - ELIPS 4 (current e.c.)      |       |          |         |     |     |     |
| 1100158 - ELIPS 4 Technology Comp     |       |          |         |     |     |     |
| 1100161 - EMIR-2                      |       |          |         |     |     |     |
| 1100162 - EMIR-2 ext                  |       |          |         |     |     |     |
| 1100165 - CLOSED:MPC                  |       |          |         |     |     |     |
| 1100170 - Bepi Colombo                |       |          |         |     |     |     |
| 1100173 - Gaia                        |       |          |         |     |     |     |
| 1100198 - Compensation NL             |       |          |         |     |     |     |
| 1100299 - ExoMars SCI internal & Ope  |       |          |         |     |     |     |
| 1100352 - FLPP21                      |       |          |         |     |     |     |
| 1100359 - FLPP22_IXV                  |       |          |         |     |     |     |
| 1100420 - ACEP                        |       |          |         |     |     |     |
| 1100460 - Core Technology Programr    |       |          |         |     |     |     |
| 1100485 - COOLMBUS-DMS                |       |          |         |     |     |     |
| 1100486 - COLUMBUS - DMS E. Del       |       |          |         |     |     |     |
| 1100520 - ISS Exploitation EA         |       |          |         |     |     |     |
| 1100522 - ISS Exploitation P1         |       |          |         |     |     |     |
| 1100525 - ISS Exploitation P2         |       |          |         |     |     |     |
| 1100530 - ISS Exploitation EA         |       |          |         |     |     |     |
| 1100532 - ISS Exploitation P1         |       |          |         |     |     |     |
| 1100535 - ISS Exploitation P2         |       |          |         |     |     |     |
| 1100542 - ISS Exploitation P3         |       |          |         |     |     |     |
| 1100545 - ISS Expl.P3 Prov Fixed      |       |          |         |     |     |     |
| 1100546 - ISS Expl.Ph 2 First Binding |       |          |         |     |     |     |
| 1100547 - ISS Expl. Ph 2 Second Bin   |       |          |         |     |     |     |
| 1100548 - ISS Expl.Ph 2 Third Binding |       |          |         |     |     |     |
| 1100549B - European Exploration Env   |       |          |         |     |     |     |
| 1100549C - E3P Period 3               |       |          |         |     |     |     |
| 1100550 - ISS Development             |       |          |         |     |     |     |
| 1100557 - ISS-CRV                     |       |          |         |     |     |     |



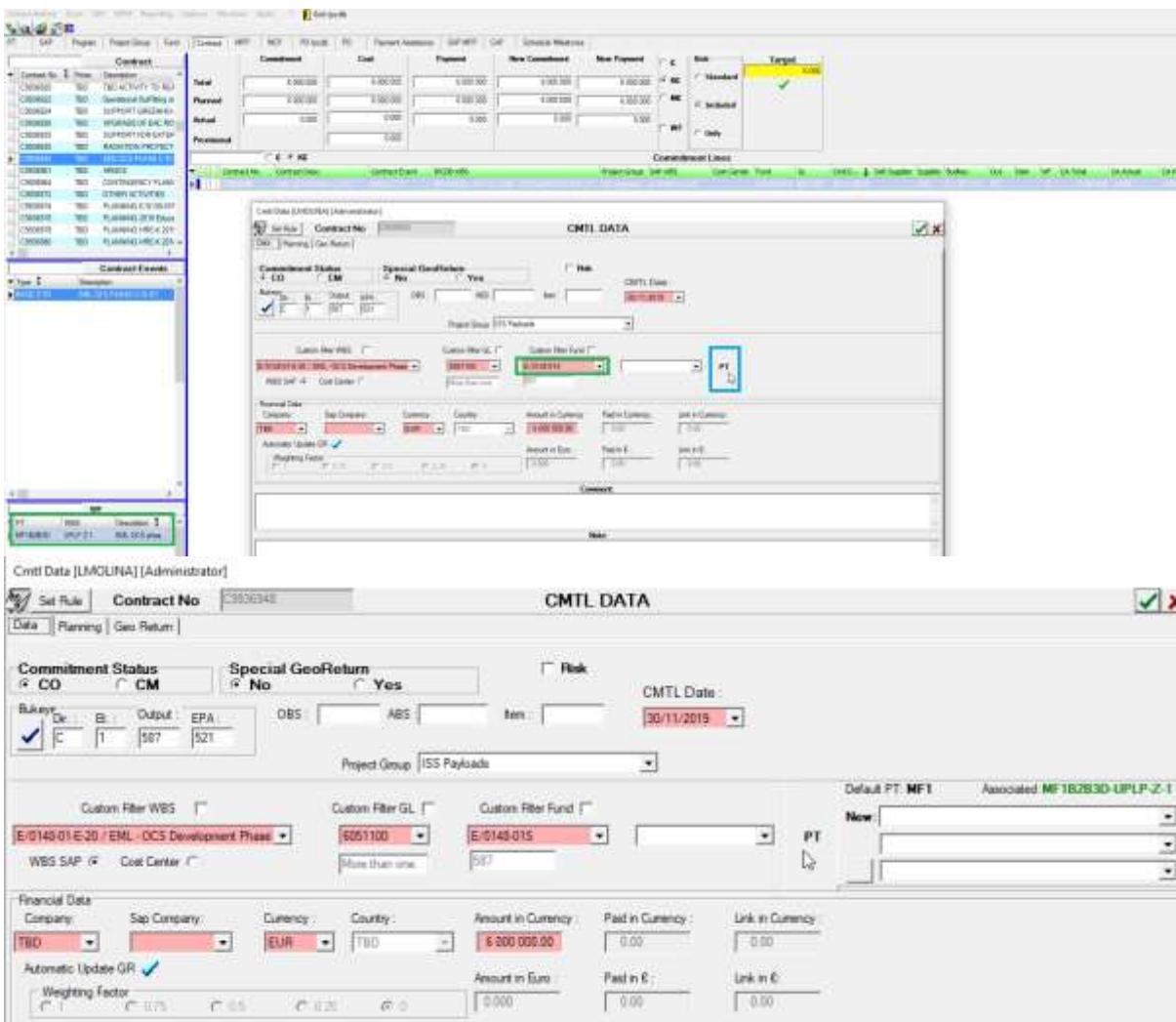
## What's New 6.1.4 Release, December 2019

## CAP Envelope

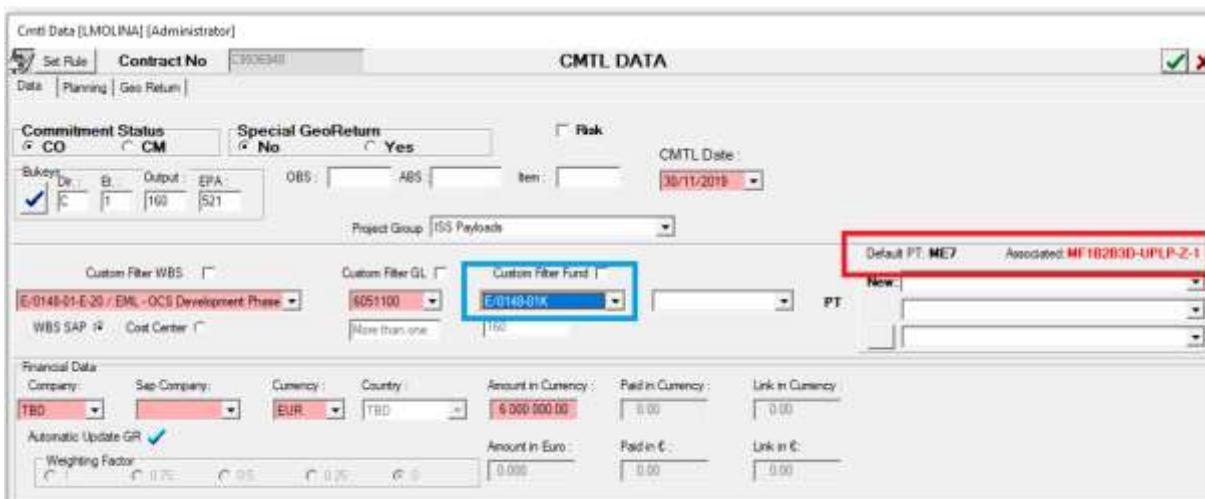
## The new feature “Fund Default Product Tree”

This feature helps the Project controllers to insert or modify a commitment with a dedicated SAP fund in the proper and predefined Product tree of the database. The association fund/PT/output is defined in IPCDB with the fund SAP Table:

Whenever the association is right, the feature “PT” is not displayed. When creating/modifying a commitment, users can always click to display the default PT and the associated PT/WBS: “MF1” and “MF1B2B3D-UPLP-Z-1” in the below example.



If the fund of the commitment is modified and this change is affecting incorrectly the place within the PT of IPCDB. Then, the feature PT deploys itself and proposes the proper Default PT to be selected for this updated commitment, together with the current and incorrect associated PT. In the following example, the new fund is E/0148-01K instead of E/0148-01S, so the default PT shall be changed from “MF1” to “ME7” (accordingly to the fund SAP table). The associated PT is now red to inform the user that the current PT is incorrect for this new commitment.





## What's New 6.1.4 Release, December 2019

| Form Sap Fund |          |        |        |    |                                  |
|---------------|----------|--------|--------|----|----------------------------------|
| E/0148-01s    |          | Parent | Output | PT | Description                      |
| E/0146-01S    | 1100587  | 100587 | MF1    |    | Fluid Physics                    |
| E/0146-01T    | 1100550  | 100550 |        |    | ISS FLUID PH. Subr.              |
| E/0146-02S    | 1100549B | 100549 |        |    | ISS Fluid Physics                |
| E/0146-03S    | 1100549C | 100549 |        |    | ISS Fluid Physics                |
| E/0148-01     | 1100165  | 100165 |        |    | CLOSED:EML                       |
| E/0148-01A    | 1100154  | 100154 |        |    | EML                              |
| E/0148-01B    | 1100155  | 100155 |        |    | EML                              |
| E/0148-01C    | 1100156  | 100156 | ME6    |    | EML                              |
| E/0148-01D    | 1100157  | 100157 |        |    | EML - ELIPS 4                    |
| E/0148-01G    | 1100162  | 100162 |        |    | EML                              |
| E/0148-01K    | 1100160  | 100160 | ME7    |    | ELIPS-4 Additional Subscriptions |
| E/0148-01P    | 1100548  | 100548 |        |    | EML                              |
| E/0148-01S    | 1100587  | 100587 | MF1    |    | EML                              |
| E/0148-02S    | 1100549B | 100549 |        |    | EML                              |
| E/0148-03S    | 1100549C | 100549 |        |    | EML                              |
| E/0149-01S    | 1100587  | 100587 |        |    | Complementary Resources          |

The user selects the relevant PT/WBS/WP, for instance “ME7BC22-MFC-Z-1-EML”. User is able to validate this change once the associated PT becomes green.



## What's New 6.1.4 Release, December 2019

### Program Tree

The screenshot shows the JPSI Program Tree interface. At the top, there is a navigation bar with icons for SAP, WPM, Reporting, Catalog, Windows, Help, and Tools. Below the navigation bar, there is a search bar and a tree view of the program structure. The tree view includes nodes for SAP, WPM, Project Setup, Fund, Catalog, Reporting, Windows, Help, and Tools. Under the WPM node, there are further sub-nodes such as Project, Resource, Workforce Planning, and Workforce Management.

### Fixed Bugs from the 6.1.3 Version

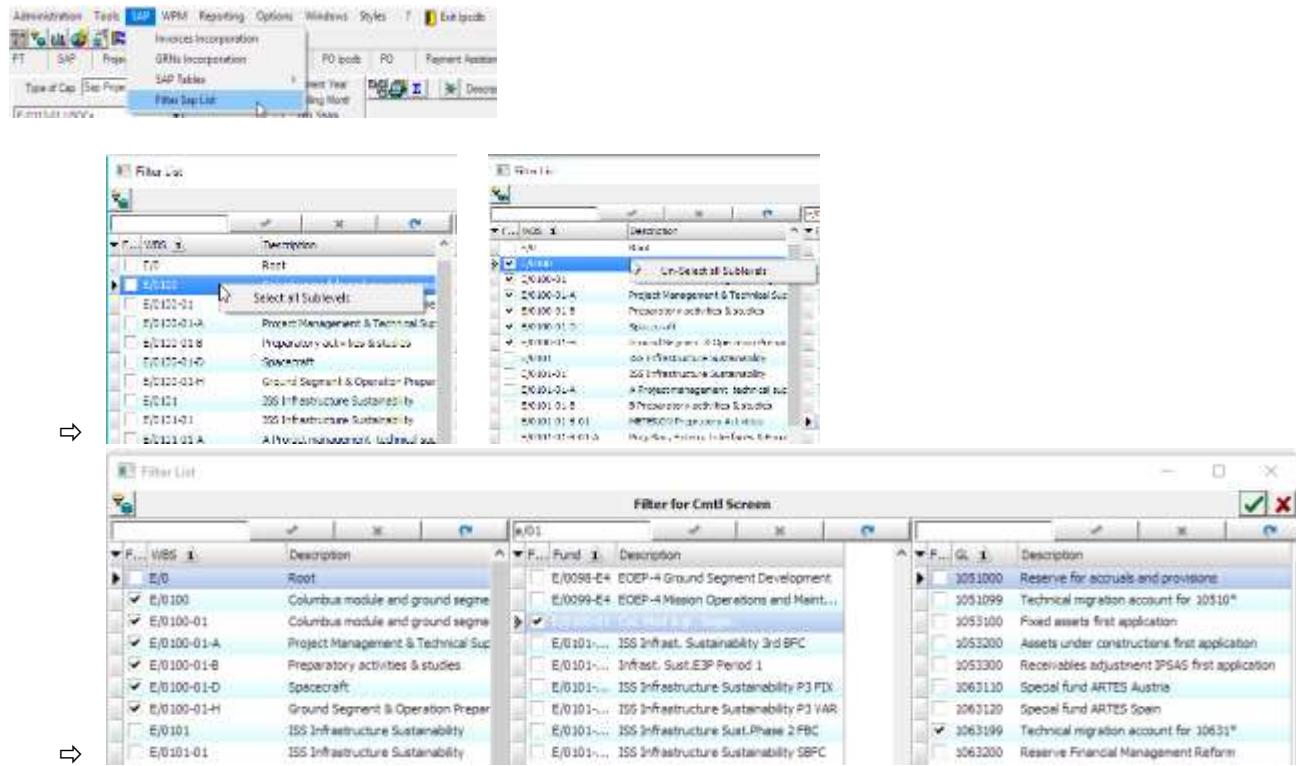
| No Mantis               | Tab                       | Description  |
|-------------------------|---------------------------|--|
| <a href="#">0001009</a> | Workforce Planning Module | Please change the monthly distribution in the WPM module for small number of ManYears (<0.11MY) (5.51)                         |
| <a href="#">0001325</a> | Workforce Planning Module | Régression WPM: pas de génération de PRV dans IPCDB; (5.51)  |
| <a href="#">0001241</a> | tab CAP                   | Dynamic CAP View - Item 1 - Add "Project group" Query (5.51)   |
| <a href="#">0001332</a> | Workforce Planning Module | 2.10 WPM Imprvt: WHEN Message "How to spread per month" is displayed in the YEAR planning view and consequence if NOT          |
| <a href="#">0001271</a> | tab MCP                   | Show Schedule milestone code field in in MCP/MPP Milestones windows  |
| <a href="#">0001331</a> | Workforce Planning Module | 2.10 WPM Imprvt: Message How to spread per month is not always displayed in the Month planning view and no re-calculation done |
| <a href="#">0001118</a> | Workforce Planning Module | 0001118: WPM for Cat C doesn't work in the future  |
| <a href="#">0001131</a> | General IPCDB             | SoW - Modification directe dans la Grid CMTL   |
| <a href="#">0001362</a> | Workforce                 | 2.7-WPM: CJI3 actual are not always displayed in the view Month  |

| No Mantis | Tab             | Description |
|-----------|-----------------|-------------|
|           | Planning Module | planning    |
|           |                 |             |

## Revisions in version 5.0.51

### Filter SAP List: New Feature “Select all Sublevels” & “Un-select all Sublevels”

In IPCDB, users already had the possibility to put in place some SAP filters of their main projects of interest: In terms of WBS, Funds and GL, by using the SAP top Menu -> Filter Sap List. Thanks to this new feature, the selection of the WBS can be done in one click by “Select all Sublevels” or be modified with “Un-Select all sublevels”. In parallel, an automated selection of the associated Fund(s) (in the middle list) is done by the database.



The screenshot illustrates the new filtering features in the SAP interface:

- Top Bar:** Administration, Tools, SAP, Reporting, Options, Windows, Styles, Exit/Logout.
- Submenu:** SAP -> Filter -> Filter Sap List.
- WBS Tree Window:** Shows a hierarchical tree of WBS elements. A context menu is open over an item, with options "Select all Sublevels" and "Un-Select all Sublevels".
- Fund List Window:** Shows a list of funds with descriptions. A context menu is open over an item, with options "Select all Sublevels" and "Un-Select all Sublevels".
- GL List Window:** Shows a list of General Ledger accounts with descriptions.

## New Filter “Quick search contract” in the Options/Other Options

| Name        | Description |
|-------------|-------------|
| CONTROLLER  | ESA         |
| DROMAIN     | ESA         |
| ESGAMALA    | ESA         |
| Training C  |             |
| THENDRIX    | ESA         |
| FAULLALIO   | ESA         |
| FAULLALIO   | Training C  |
| GRISSARRE   | ESA         |
| GONZALEZ    | ESA         |
| HUNDHARDT   | ESA         |
| JOESPREEZ   | ESA         |
| JOESPREEZ   | Training C  |
| JROMAN      | ESA         |
| JSEMAHI     | ESA         |
| LARANA      | ESA         |
| LIMITIKOGLU | ESA         |
| LIMONIA     | ESA         |
| MBRUDER     | ESA         |
| MERMOIDA    | Training C  |
| MERMOIDA    | ESA         |
| MLECOQ      | ESA         |

| PT                      | SAP          | Project Group | Contract                   | MPP |
|-------------------------|--------------|---------------|----------------------------|-----|
| <b>4000123</b> Contract |              |               |                            |     |
| ▼                       | Contract No. | Prime         | Description                |     |
| ▶                       | 4000123201   | SASB          | Dream Chaser Ethesmet      |     |
| ▶                       | 4000123307   | UBON          | TOPICAL TEAM : NUTRITION   |     |
| ▶                       | 4000123347   | ALSR          | DESIGN OF EXTERNAL         |     |
| ▶                       | 4000123348   | UOBA          | CO-SPONSORED PHD           |     |
| ▶                       | 4000123366   | UNLV          | TOPICAL TEAM: PERSONNEL    |     |
| ▶                       | 4000123387   | MEDE          | TOPICAL TEAM: AGEING       |     |
| ▶                       | 4000123396   | CAEA          | LOW-EROSION 20KW           |     |
| ▶                       | 4000123397   | ADSG          | TEXUS 56 Sounding rocket   |     |
| ▶                       | 4000123551   | VRUB          | TOPICAL TEAMS: NUCLEAR     |     |
| ▶                       | 4000123556   | UMEO          | HIBERNATION AND TO         |     |
| ▶                       | 4000123559   | DFVL          | CORA GBF 2017-003: II      |     |
| ▶                       | 4000123580   | IMAB          | ExoMars Descent Modu       |     |
| ▶                       | 4000123582   | DFVL          | CORA GBF 2017 - 004:       |     |
| ▶                       | 4000123858   | CNRS          | TOPICAL TEAM : INTEI       |     |
| ▶                       | 4000123895   | UREE          | EXPERT : EUROPEAN          |     |
| ▶                       | 4000123897   | TBD           | PREPARATION / ORGANISATION |     |
| ▶                       | 4000123944   | SSCO          | MASER 14 Sounding Rocket   |     |
| ▶                       | 4000123985   | ULBM          | TOPICAL TEAM - WOU         |     |
| ▶                       | 4000123986   | IMCO          | TOPICAL TEAM - ISRU        |     |
| ▶                       | 4000123987   |               | TOPICAL TEAM - MELT        |     |

| PT                   | SAP          | Project Group | Contract                | MPP |
|----------------------|--------------|---------------|-------------------------|-----|
| <b>1234</b> Contract |              |               |                         |     |
| ▼                    | Contract No. | Prime         | Description             |     |
| ▶                    | 0001012340   | ATGU          | ATELIER GUARNIERO       |     |
| ▶                    | 0001012343   | XSEN          | 'FORCESHOE' GZ MEA      |     |
| ▶                    | C1234000     | FOKS          | PARABOLIC FLIGHTS F     |     |
| ▶                    | C1234100     | INV           | ADVANCED RESPIRATOR     |     |
| ▶                    | C1234600     | ALEI          | MISSION ANALYSIS A      |     |
| ▶                    | C1234800     | ALEI          | DEFINITION STUDY OF     |     |
| ▶                    | P1131234     | SOBK          | WORKSTATIONS & AS       |     |
| ▶                    | X12349       | SDOM          | LMX 00/311              |     |
| ▶                    | ZP701234     | TBD           | Miscellaneous Z Contrac |     |

## CAP Tab: New “Project Group” view

In the CAP tab, users are now able to select and display financial data for all SAP Project Groups.



## What's New 6.1.4 Release, December 2019

Administration Tools SAP WPM Reporting Options Windows S

PT SAP Project Group Contract MPP MCP PO ipdb

Type of Cap: Project Group  Personal Filter  Current Year  Rolling Month  Ten Years

Orion-ESM

| WBS       | Description                | Fund       |
|-----------|----------------------------|------------|
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-01P |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-01P |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-01Q |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-01Q |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-01W |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-01W |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-01X |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-01X |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0109-02Q |
| E/0109-01 | MPCV-ESM Development (FM1) | E/0500.00  |

Total

Contract No. Project Group SAP WBS Contract E

| Contract No. | Project Group | SAP WBS        | Contract E |
|--------------|---------------|----------------|------------|
| 4000105200   | Orion-ESM     | E/0109-01-A-01 | CCN 015    |
| 4000105205   | Orion-ESM     | E/0109-01-A-01 | CCN 015    |
| 4000105206   | Orion-ESM     | E/0109-01-A-01 | CCN 018    |
| 4000105969   | Orion-ESM     | E/0109-01-D-02 | ATP        |
| 4000105969   | Orion-ESM     | E/0109-01-D-02 | ATP        |
| 4000105969   | Orion-ESM     | E/0109-01-D-02 | ATP        |
| 4000105969   | Orion-ESM     | E/0109-01-D-02 | ATP        |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-B    | BASIC CTR  |
| 4000105969   | Orion-ESM     | E/0109-01-D-02 | ATP        |
| 4000105969   | Orion-ESM     | E/0109-01-D-02 | ATP        |
| 4000105969   | Orion-ESM     | E/0109-01-D-01 | CCN 002    |
| 4000105969   | Orion-ESM     | E/0109-01-D-01 | CCN 002    |
| 4000105969   | Orion-ESM     | E/0109-01-D-01 | CCN 002    |

**New functionality “Delete Committed Contract” for Administrator profile**  
Select a contract and right click.



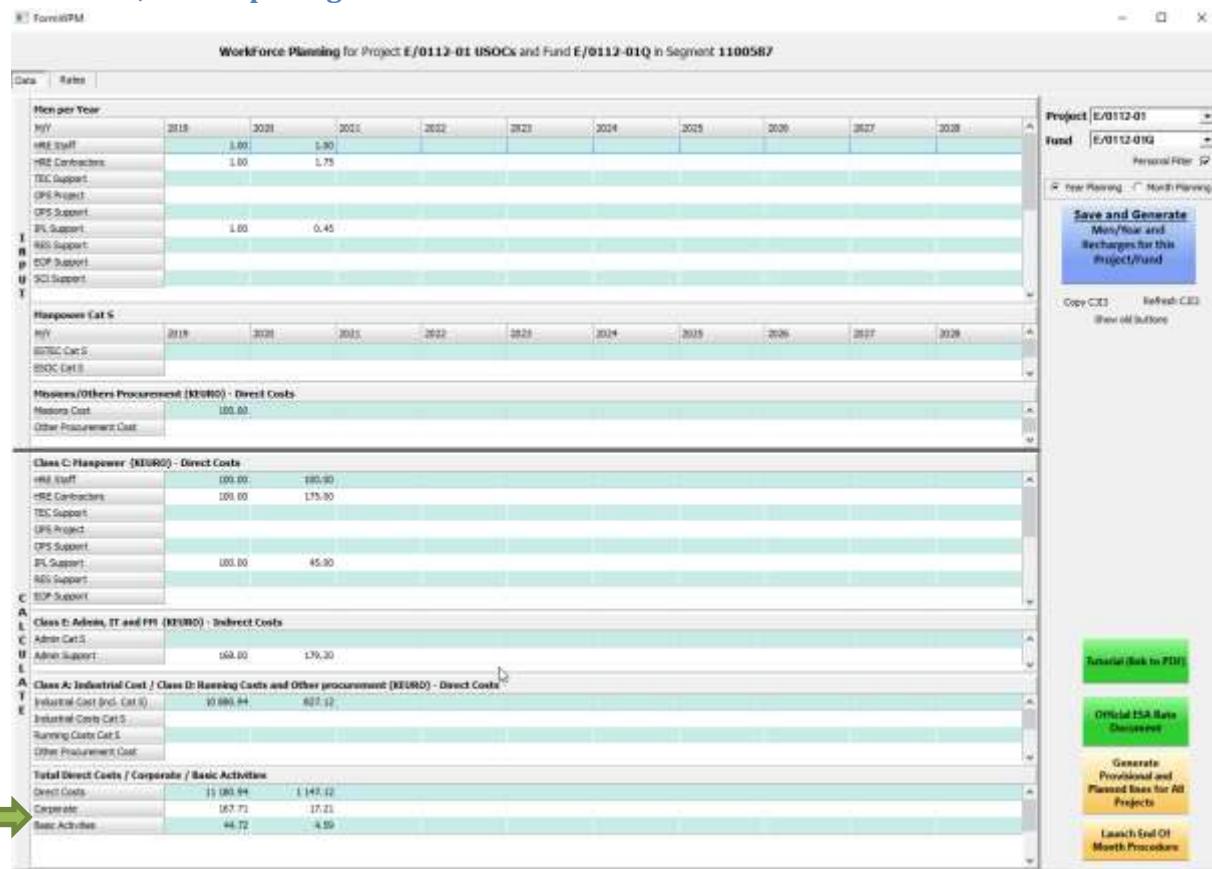
## What's New 6.1.4 Release, December 2019

The screenshot shows the JPSI software interface for the Contract module. The main window displays a grid of contracts with columns for Contract No., Prime, and Description. A context menu is open over the first row of the grid, listing options such as Insert, View, Modify, Duplicate, Geo Return, Year Profile, Import Excel, Update Planning, Import MSProject, Export MSProject, Goto Payment Assistance, Delete, and Delete Committed Contract. The 'Delete Committed Contract' option is highlighted with a green border.

| Contract No. | Prime | Description           |
|--------------|-------|-----------------------|
| C16922P1     | RSVK  | PROVISION OF A SOYI   |
| C16922P2     | RSVK  | PROVISION OF A SOYI   |
| C17046P1     | RSVK  | FLIGHT ORDER CONT     |
| C17046P2     | RSVK  | FLIGHT ORDER CONT     |
| C18174P1     | IASF  | PHASE A/B STUDY ON    |
| C18590P1     | RSVK  | IFOC : ISS FLIGHT ORI |
| C18590P2     | RSVK  | IFOC : ISS FLIGHT ORI |
| C18980P1     | RSVK  | LDM - ISS INCREMENT   |
| C18980P2     | RSVK  | LDM - ISS INCREMENT   |
| D5596MPS     | TBD   | PROVISION FLIGHT HC   |
| D5599MPC     | TBD   | PC & EQUIPMENTS CC    |

## New WPM: further implementations and tutorial

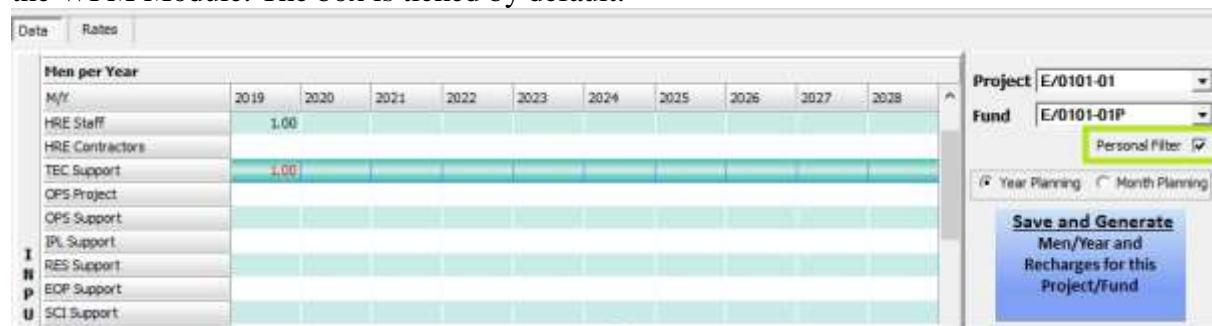
### 2.1-WPM: Resize main window in order to display the last 2 lines Corporates and Basic Activities, when opening WPM module



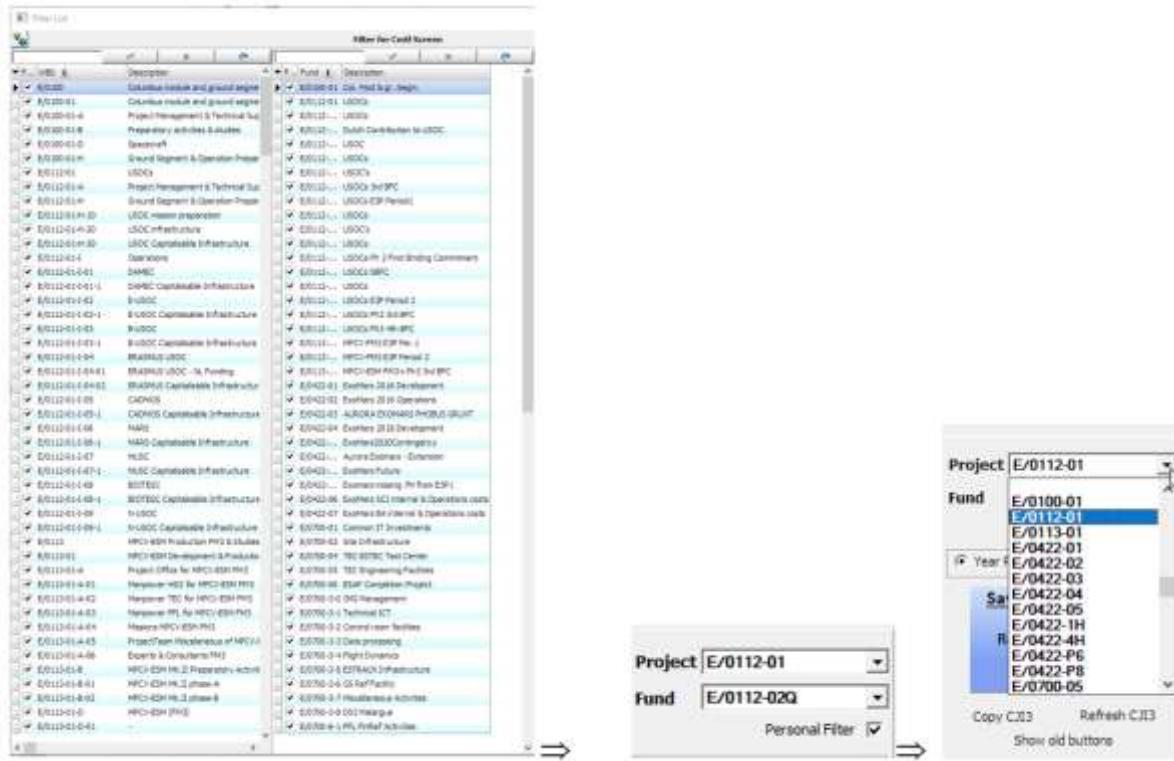
The screenshot shows the WPM module interface. On the right side, there is a sidebar with project and fund selection, planning modes, and save/generate buttons. At the bottom right of the main grid area, there is a green arrow pointing towards the bottom right corner, highlighting the 'Corporates' and 'Basic Activities' lines which are typically hidden.

### 2.2-WPM: Add a switch button to activate the Personal filter

An additional tick box, for users to be able to import and apply their customized SAP filters in the WPM Module. The box is ticked by default.

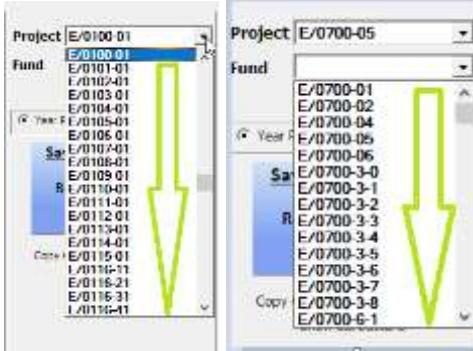


The screenshot shows the WPM module interface with the 'Personal Filter' checkbox selected in the sidebar. This indicates that the user can now import and apply their own SAP filters directly from the module.



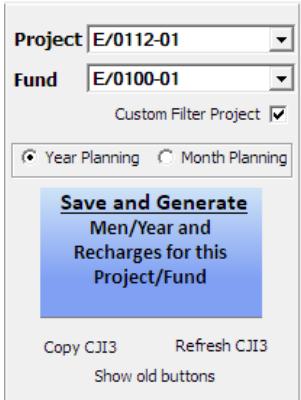
The screenshot displays two dropdown menus side-by-side. The left menu is titled 'Project' and lists various project codes such as E/0100-01, E/0101-01, E/0102-01, etc. The right menu is titled 'Fund' and lists various fund codes such as E/0100-01, E/0101-01, E/0102-01, etc. Both menus include a 'Personal Filter' checkbox at the bottom.

## 2.3-WPM: Increase drop down list from 7 to 20 elements for Project and Fund fields



The screenshot shows two separate dropdown menus. The left dropdown is labeled 'Project' and contains 7 items: E/0100-01, E/0101-01, E/0102-01, E/0103-01, E/0104-01, E/0105-01, and E/0106-01. The right dropdown is labeled 'Fund' and contains 20 items, including E/0100-01 through E/0119-01. A large green arrow points from the left dropdown to the right one.

## 2.4-WPM: Write "Save & Generate" bigger and bold



The screenshot shows a button labeled 'Save and Generate' in a bold, blue font. Below the button, the text 'Men/Year and Recharges for this Project/Fund' is displayed in a smaller, standard font. At the bottom of the button, there are three additional buttons: 'Copy CJ13', 'Refresh CJ13', and 'Show old buttons'.

## 2.6-WPM: Update the description of MY categories as per provided new names

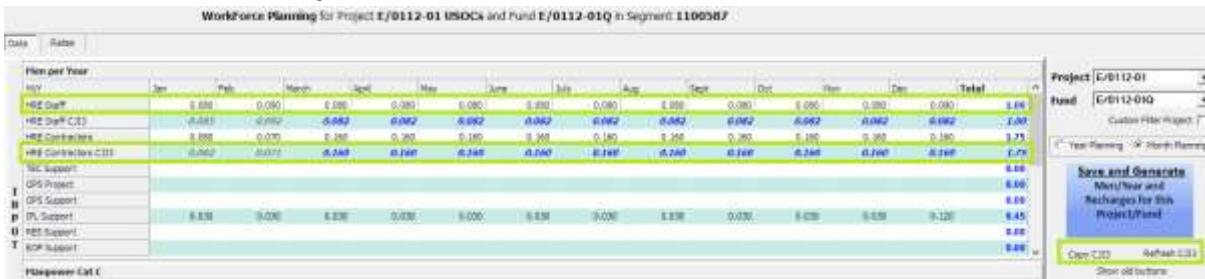


|                                      | Date | Rates |
|--------------------------------------|------|-------|
| <b>Men per Year</b>                  |      |       |
| M/Y                                  | 2019 |       |
| HRE Staff                            |      |       |
| HRE Contractors                      |      |       |
| TEC Support                          |      |       |
| GPS Project                          |      |       |
| GPS Support                          |      |       |
| IPL Support                          |      |       |
| RES Support                          |      |       |
| EOP Support                          |      |       |
| SCI Support                          |      |       |
| DG_EDU Support                       |      |       |
| <b>Manpower Cat C</b>                |      |       |
| M/Y                                  | 2019 |       |
| ESTEC Cat S                          |      |       |
| ESOC Cat S                           |      |       |
| <b>Missions/Others Procurement (</b> |      |       |
| Missions Cost                        |      |       |
| Other Procurement Cost               |      |       |

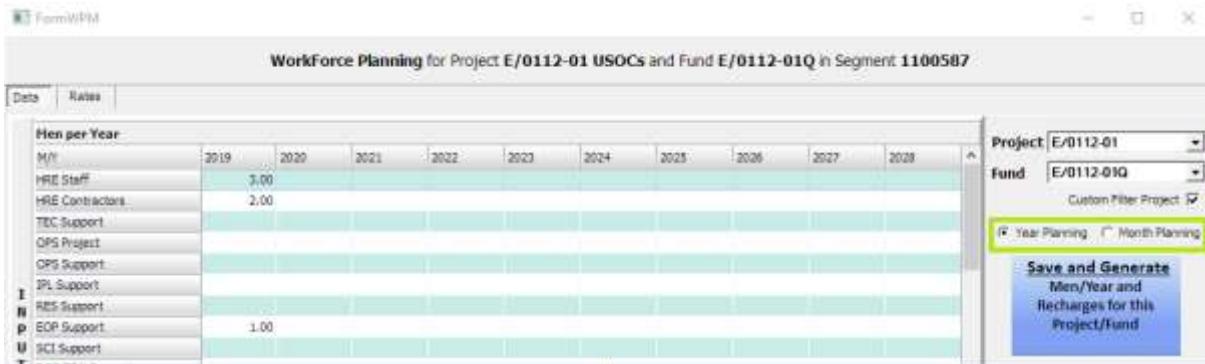
|  | Class C: Manpower (KEURO)     |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| C  | HRE Staff                     |  |  |  |  |  |  |  |  |  |  |  |
| A  | HRE Contractors               |  |  |  |  |  |  |  |  |  |  |  |
| C  | TEC Support                   |  |  |  |  |  |  |  |  |  |  |  |
| A  | GPS Project                   |  |  |  |  |  |  |  |  |  |  |  |
| L  | GPS Support                   |  |  |  |  |  |  |  |  |  |  |  |
| C  | IPL Support                   |  |  |  |  |  |  |  |  |  |  |  |
| A  | RES Support                   |  |  |  |  |  |  |  |  |  |  |  |
| C  | EOP Support                   |  |  |  |  |  |  |  |  |  |  |  |
| A  | SCI Support                   |  |  |  |  |  |  |  |  |  |  |  |
| L  | DG_EDU Support                |  |  |  |  |  |  |  |  |  |  |  |
| <b>Class E: Admin, IT and FH (KEURO)</b> |                               |  |  |  |  |  |  |  |  |  |  |  |
| L  | Admin Cat S                   |  |  |  |  |  |  |  |  |  |  |  |
| A  | Admin Support                 |  |  |  |  |  |  |  |  |  |  |  |
| <b>Class A: Industrial Cost / Class</b>  |                               |  |  |  |  |  |  |  |  |  |  |  |
| C  | Industrial Cost (incl. Cat S) |  |  |  |  |  |  |  |  |  |  |  |
| A  | Industrial Costs Cat S        |  |  |  |  |  |  |  |  |  |  |  |
| L  | Running Costs Cat S           |  |  |  |  |  |  |  |  |  |  |  |
| C  | Other Procurement Cost        |  |  |  |  |  |  |  |  |  |  |  |
| <b>Total Direct Costs / Corporate</b>    |                               |  |  |  |  |  |  |  |  |  |  |  |
| <b>Direct Costs</b>                      |                               |  |  |  |  |  |  |  |  |  |  |  |
| <b>Corporate</b>                         |                               |  |  |  |  |  |  |  |  |  |  |  |
| <b>Basic Activities</b>                  |                               |  |  |  |  |  |  |  |  |  |  |  |

## 2.7-WPM: Within the month planning view, add a line for the CJ13 actuals and a column for the total of the current year



|                       | WorkForce Planning for Project E/0112-01 USOCs and Fund E/0112-01Q in Segment 1100587 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | Date  | Rates | Jan   | Feb   | March | April | May   | June  | July  | Aug   | Sept  | Oct   | Nov   | Dec   | Total |
| <b>Men per Year</b>   |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| M/Y                   |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| HRE Staff             |   |       | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00  |
| HRE Staff CJ13        |   |       | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00  |
| HRE Contractors       |   |       | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00  |
| HRE Contractors CJ13  |   |       | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00  |
| IPL Support           |   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| GPS Project           |   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| GPS Support           |   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| IPL Support           |   |       | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00  |
| RES Support           |   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| EOP Support           |   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| SCI Support           |   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| DG_EDU Support        |   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| <b>Manpower Cat C</b> |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

## 2.8 - WPM: Year planning view to Month Planning: Delete right click, and replace it with a switch on/off, including Manpower Cat S



|                       | WorkForce Planning for Project E/0112-01 USOCs and Fund E/0112-01Q in Segment 1100587 |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
|-----------------------|---|-------|------|------|-------|-------|------|------|------|------|------|------|-----|-----|-------|
|                       | Date  | Rates | Jan  | Feb  | March | April | May  | June | July | Aug  | Sept | Oct  | Nov | Dec | Total |
| <b>Men per Year</b>   |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| M/Y                   |   |       | 2019 | 2020 | 2021  | 2022  | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |     |     |       |
| HRE Staff             |   |       | 3.00 |      |       |       |      |      |      |      |      |      |     |     |       |
| HRE Contractors       |   |       | 2.00 |      |       |       |      |      |      |      |      |      |     |     |       |
| TEC Support           |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| GPS Project           |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| GPS Support           |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| IPL Support           |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| RES Support           |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| EOP Support           |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| SCI Support           |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| DG_EDU Support        |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |
| <b>Manpower Cat C</b> |   |       |      |      |       |       |      |      |      |      |      |      |     |     |       |



## What's New 6.1.4 Release, December 2019

WorkForce Planning for Project E/0115-01 Technology Demonstrators for TSS and Fund E/0115-01Q in Segment 1100587

|                 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-----------------|------|------|------|------|------|------|------|------|------|------|
| HR              | 1.25 | 1.76 |      |      |      |      |      |      |      |      |
| HRE Staff       | 1.25 | 1.76 |      |      |      |      |      |      |      |      |
| HRE Contractors | 0.45 | 0.40 |      |      |      |      |      |      |      |      |
| TSC Support     | 2.61 | 2.08 |      |      |      |      |      |      |      |      |
| OPS Project     |      |      |      |      |      |      |      |      |      |      |
| OPS Support     |      |      |      |      |      |      |      |      |      |      |
| PL Support      | 0.20 | 0.20 |      |      |      |      |      |      |      |      |
| R&D Support     | 0.11 |      |      |      |      |      |      |      |      |      |
| SDP Support     |      |      |      |      |      |      |      |      |      |      |
| SSC Support     |      |      |      |      |      |      |      |      |      |      |
| DOC/EDU Support |      |      |      |      |      |      |      |      |      |      |

|             | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------|------|------|------|------|------|------|------|------|------|------|
| HR          | 1.25 | 1.76 |      |      |      |      |      |      |      |      |
| ESTEC Cat S | 1.00 |      |      |      |      |      |      |      |      |      |
| ESOC Cat S  | 0.90 |      |      |      |      |      |      |      |      |      |

|                     | Jan   | Feb   | March | April | May   | June  | July  | Aug   | Sept  | Oct   | Nov   | Dec   | Total |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HR                  | 0.961 | 1.160 | 1.160 | 1.160 | 1.160 | 1.160 | 1.160 | 1.160 | 1.160 | 1.160 | 1.160 | 1.160 | 1.95  |
| HRE Staff           | 0.961 | 1.080 | 1.050 | 0.936 | 0.936 | 0.936 | 0.936 | 0.936 | 0.936 | 0.936 | 0.936 | 0.936 | 0.65  |
| HRE Contractors     | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00  |
| HRE Contractors C13 | 0.047 | 0.047 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.45  |
| TSC Support         | 0.229 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 2.61  |
| TSC Support C13     | 0.100 | 0.080 | 0.247 | 0.247 | 0.247 | 0.247 | 0.247 | 0.247 | 0.247 | 0.247 | 0.247 | 0.247 | 2.61  |
| OPS Project         |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| OPS Support         |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| PL Support          | 0.028 | 0.020 | 0.020 | 0.018 | 0.018 | 0.018 | 0.018 | 0.018 | 0.018 | 0.018 | 0.018 | 0.018 | 0.20  |
| R&D Support         |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| SDP Support         |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| SSC Support         |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |
| DOC/EDU Support     |       |       |       |       |       |       |       |       |       |       |       |       | 0.00  |

|             | Jan  | Feb  | Mar  | Apr  | May  | June | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Total |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| HR          | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 1.00  |
| ESTEC Cat S | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.50  |
| ESOC Cat S  | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.50  |

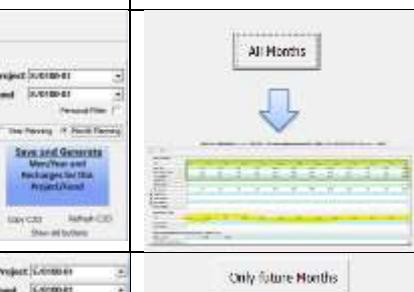
**2.9 - WPM: Delete/Hide all the old WPM buttons for users, but not for the administrator**  
A new button “Show old buttons” was created for this purpose.

The screenshot shows the WorkForce Planning interface for Project E/0100-01 and Fund E/0100-01. The 'Save and Generate' button is highlighted in blue. Below it, the 'Show old buttons' button is also highlighted in blue. The right side of the interface shows a sidebar with various buttons, one of which is highlighted with a green border.

## 2.10 - WPM: Modify SPREAD window per month

Whenever users modify their planning in terms of MY (Men per Year and Manpower Cat S tables), the warning message asking them “how to reflect this new figure wrt the month planning” has been updated.

Based on this new value, and how it shall be distributed per month in the DTB, users have two possibilities to implement that change: To modify all the months of the current year and spread evenly (actual and planning), or to only impact the planning lines for the months to come.

|  |  |
|--|--|
|    | <p>⇒ For example, change from 1 MY to 0.5MY for the EDU category</p> |
|   | <p><b>All Months</b></p>   |
|  | <p><b>Only Future Months</b></p>                                     |

## 2.11 - Add button 'SAP Alignment' in Month Planning view

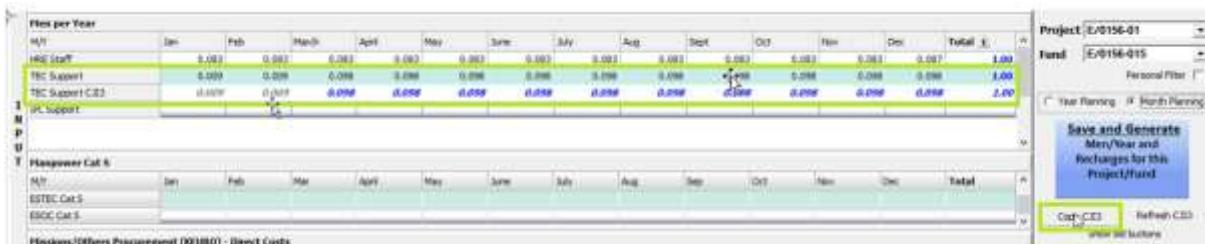
A button « Copy CJ13 » is now available for users to copy the CJ13 actuals + remaining planning at once for all Men per Year categories.

Whenever users modify their MY planning, they can also use the button “Refresh CJ13” to align CJ13 planning lines accordingly.

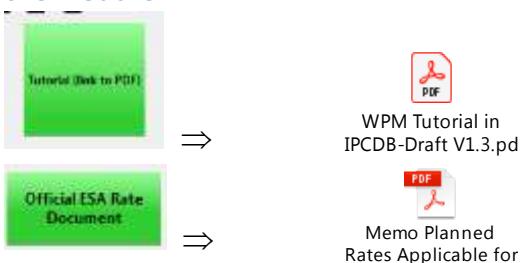
|  |
|--|
|  |
|--|



## What's New 6.1.4 Release, December 2019



**2-13 - File to be added for the «official ESA Rate » button and Link to WPM Tutorial within the Module WPM**



## Fixed Bugs from the 5.51 Version

| No Mantis               | Tab                       | Description   |
|-------------------------|---------------------------|---|
|                         |                           |   |
| <a href="#">0001302</a> | Workforce Planning Module | 2.10 WPM Improvement : Modifier La fenêtre de SPREAD par mois   |
| <a href="#">0001301</a> | Workforce Planning Module | 2.8 WPM Improvement: Supprimer le Clic droit complètement Pour le remplacer par un switch (type on/off) // Delete right click, and replace it with a switch on/off (including Cat C). |
| <a href="#">0001315</a> | Tables Maintenance        | SAP/Filter SAP List/select or unselect all sublevels: Associated fund cannot be selected simultaneously   |
| <a href="#">0001316</a> | Workforce Planning Module | 2.1-WPM: Resize main window in order to display the last 2 lines Corporates and Basic Activities  |
| <a href="#">0001317</a> | Workforce Planning Module | 2.2 WPM: Please add switch button to activate the personal filter in WPM  |
| <a href="#">0001318</a> | Workforce Planning Module | 2.3-WPM: Please increase drop down List from 7 elements to 20   |
| <a href="#">0001319</a> | Workforce Planning Module | 2.4-WPM: write save & generate bigger and Bold  |
| <a href="#">0001320</a> | Workforce                 | 2.6-WPM: Update the description of MY categories as per   |

| No Mantis               | Tab                       | Description  |
|-------------------------|---------------------------|--|
|                         | Planning Module           | provided new names   |
| <a href="#">0001321</a> | Workforce Planning Module | 2.9-WPM: Delete/Hide all the old buttons for users, but not for the administrator  |
| <a href="#">0001322</a> | Workforce Planning Module | 2.13-WPM: File to be added for the «official ESA Rate » button & Tutorial  |
| <a href="#">0001323</a> | Workforce Planning Module | 2.8-WPM: Remove right Click for the selection of the planning view (Year or Month planning)  |
| <a href="#">0001324</a> | Workforce Planning Module | 2.7-WPM: Give possibility to Show all lines or Hide (if null) within the Month planning view by right click  |
| <a href="#">0001326</a> | Workforce Planning Module | 2.10-WPM: Distribute Year amount evenly per month and also in December   |
| <a href="#">0001327</a> | Workforce Planning Module | 2.7-WPM: CJI3 actual shall be always displayed in the view Month planning: No need to click on “Refresh CJI3” when Month planning ticked; Remains if change of fund selection; still displayed once “save & generate” was clicked. |
| <a href="#">0001328</a> | Workforce Planning Module | 2.7-WPM: CJI3 actual also displayed in the view YEar planning, why?  |
| <a href="#">0000097</a> | Work Request              | 09-Rapport MPP by Country  |
| <a href="#">0001195</a> | GRNs Incorporation        | 00 vérifier pourquoi la mise à jour des confirmations dans MCP n'a pas tourné ce matin   |
| <a href="#">0001121</a> | Business Objects          | 00-BO report baseline 2018 comparaison actuals   |
| <a href="#">0001222</a> | General IPCDB             | 08-login & psw ESAP like   |
| <a href="#">0001298</a> | Tab MCP                   | Please enable the MCP trend chart again  |
|                         |                           |  |

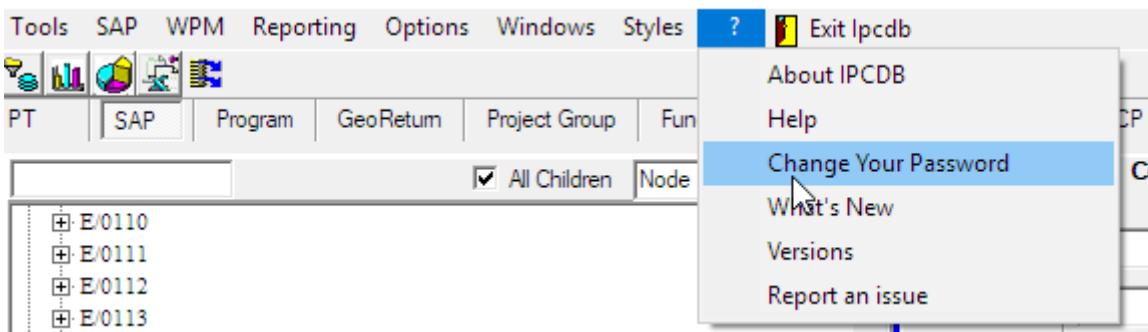
## Revisions in version 5.0.48

### New password management compliant with ESA policy



For the initial login, users will enter their current password in capital and will be directly invited to change their password via the Password Management window.

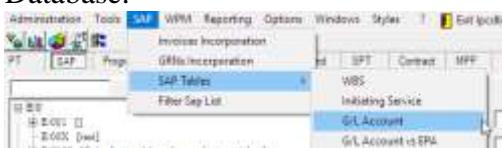
The password is updated, only if all requirements of the ESA password policy are met. Otherwise, the application will display the criteria which is not complying with the rule, so that users will be able to propose a new and proper password.



Such as the IPCDB administrator, users also have the possibility to change their password at any time, thanks to the user password management in the Top Menu.

### Update of the SAP GL account list

Harmonisation of the SAP GL list with the ESA reference list "Cost element mapping" in the Database.



| Gl Account | WF   | Product Category | Cost                                |                                     |                                     |                                     |                          |                          | Description                                       |
|------------|------|------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
|            |      |                  | Ind.                                | CIR                                 | Rep.                                | Fac.                                | GAS                      | Man                      |   |
| 6033000    | 0.00 |                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Change in stocks of raw materials (semi supplies) |
| 6039000    | 0.00 |                  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Change in stocks of other consumables             |
| 6041000    | 0.25 |                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Launch associated service                         |
| 6043000    | 1.00 |                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Mission preparation, operations and exploitation  |
| 6042000    | 0.25 |                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | Associated engineering, analysis and support      |
| 6051000    | 1.00 |                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Dev and prod of space segment ready for launch    |
| 6051200    | 0.00 |                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | Development and production of MSE                 |
| 6051300    | 0.00 |                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | Centralised parts procurement                     |
| 6052000    | 0.25 |                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | Launch purchase                                   |
| 6052000    | 1.00 |                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | Information technology and management tool        |
| 6054000    | 1.00 |                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | Development of Ground segment systems             |

## Fixed Bugs from the 5.48 Version

| No Mantis               | Tab           | Description   |
|-------------------------|---------------|---|
|                         |               |   |
| <a href="#">0001253</a> | General IPCDB | The password management: Users shall be able to change their own password. Add a kind of "password management" in the user menu |
| <a href="#">0001252</a> | General IPCDB | Password management: The password shall Not contain all or part of the user's account   |
| <a href="#">0001254</a> | General IPCDB | Password management: Remove door icon (partially)   |
| <a href="#">0001191</a> | Tab Contract  | 00-Repermettre de forcer le WF different du GL  |
| <a href="#">0001182</a> | Tab Contract  | 00-tab ctr multiselection -> Cm et date de jours impossible   |
| <a href="#">0001222</a> | General IPCDB | 08-login & psw ESAP like  |
|                         |               |   |

## Revisions in version 5.0.47

### New WPM

WorkForce Planning for Project E/0171-01 ESA Project Level 2 and Fund E/0171-01Q in Segment 1100587

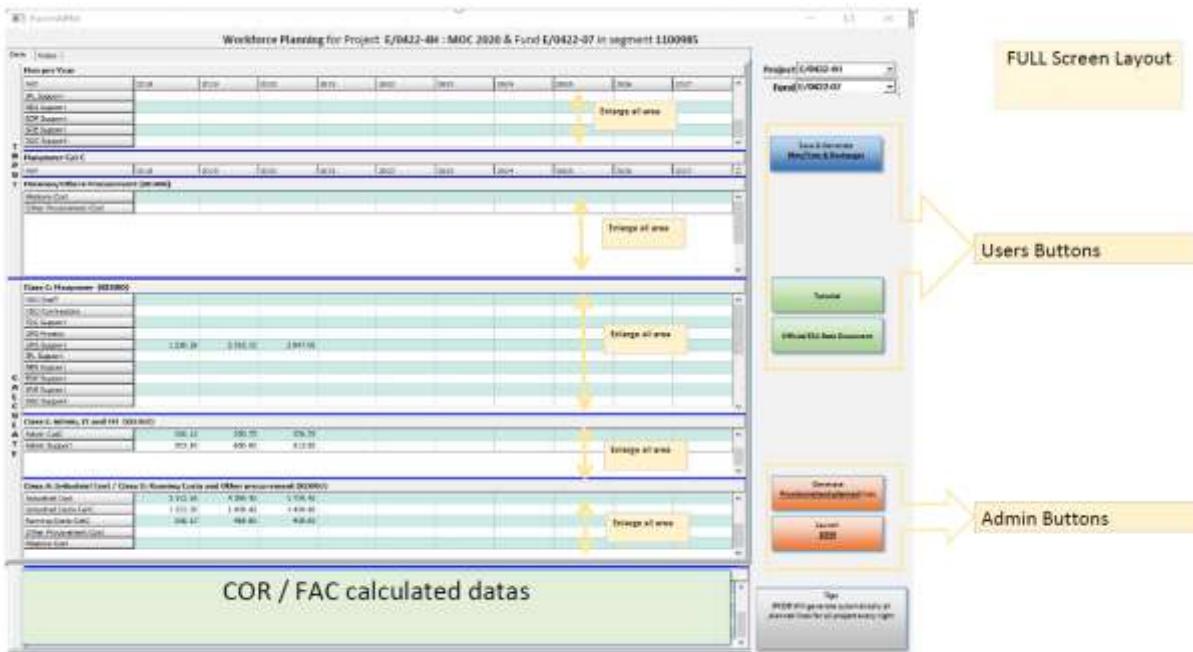
|   | 2018             | 2019             | 2020             | 2021             | 2022            | 2023 | 2024 | 2025 | 2026 | 2027 |
|---|------------------|------------------|------------------|------------------|-----------------|------|------|------|------|------|
| H&F   | 3,93             | 3,08             | 3,60             |                  |                 |      |      |      |      |      |
| H&O Staff   |                  |                  |                  |                  |                 |      |      |      |      |      |
| H&O Contractors   |                  |                  |                  |                  |                 |      |      |      |      |      |
| TBC Support   | 1,30             | 1,06             | 1,00             |                  |                 |      |      |      |      |      |
| GPS Project   |                  |                  |                  |                  |                 |      |      |      |      |      |
| GPS Support   |                  |                  |                  |                  |                 |      |      |      |      |      |
| HS Support  | 5,11             | 5,02             | 5,31             |                  |                 |      |      |      |      |      |
| R&S Support   |                  |                  |                  |                  |                 |      |      |      |      |      |
| EOP Support   |                  |                  |                  |                  |                 |      |      |      |      |      |
| ES Support  |                  |                  |                  |                  |                 |      |      |      |      |      |
| DOC Support   |                  |                  |                  |                  |                 |      |      |      |      |      |
| <b>Total Manpower</b>   | <b>10,33</b>     | <b>9,00</b>      | <b>9,31</b>      |                  |                 |      |      |      |      |      |
| <b>Manpower Cat C</b>   | <b>1,30</b>      | <b>1,06</b>      | <b>1,00</b>      |                  |                 |      |      |      |      |      |
| H&F   | 3,93             | 3,08             | 3,60             |                  |                 |      |      |      |      |      |
| ESOC Cat C  | 1,30             | 1,06             | 1,00             |                  |                 |      |      |      |      |      |
| ESOC Cat C  | 1,30             | 1,06             | 1,00             |                  |                 |      |      |      |      |      |
| <b>Managers/Others Procurement (KEUR0) - Direct Costs</b>   | <b>120,00</b>    | <b>105,00</b>    | <b>102,00</b>    |                  |                 |      |      |      |      |      |
| Human Resources Cost  | 120,00           | 105,00           | 102,00           |                  |                 |      |      |      |      |      |
| <b>Class C Manpower (KEUR0) - Direct Costs</b>  | <b>836,90</b>    | <b>826,90</b>    | <b>815,90</b>    |                  |                 |      |      |      |      |      |
| H&O Staff   | 836,90           | 826,90           | 815,90           |                  |                 |      |      |      |      |      |
| H&O Contractors   |                  |                  |                  |                  |                 |      |      |      |      |      |
| TBC Support   | 336,90           | 440,26           | 449,30           |                  |                 |      |      |      |      |      |
| GPS Project   |                  |                  |                  |                  |                 |      |      |      |      |      |
| GPS Support   |                  |                  |                  |                  |                 |      |      |      |      |      |
| HS Support  | 27,99            | 46,00            | 55,99            |                  |                 |      |      |      |      |      |
| R&S Support   |                  |                  |                  |                  |                 |      |      |      |      |      |
| EOP Support   |                  |                  |                  |                  |                 |      |      |      |      |      |
| ES Support  |                  |                  |                  |                  |                 |      |      |      |      |      |
| DOC Support   |                  |                  |                  |                  |                 |      |      |      |      |      |
| <b>Class E: Admin, IT and FM (KEUR0) - Indirect Costs</b>   | <b>78,90</b>     | <b>82,90</b>     | <b>85,90</b>     |                  |                 |      |      |      |      |      |
| Admin Cat C   | 78,90            | 82,90            | 85,90            |                  |                 |      |      |      |      |      |
| Admin Support   | 280,40           | 294,00           | 240,80           |                  |                 |      |      |      |      |      |
| <b>E Class A: Industrial Cost / Class B: Running Costs and Other procurement (KEUR0) - Direct Costs</b> | <b>24 000,00</b> | <b>34 620,76</b> | <b>46 030,12</b> | <b>58 411,56</b> | <b>4 444,44</b> |      |      |      |      |      |
| Industrial Cost (Ind. Cat C)  | 24 000,00        | 34 620,76        | 46 030,12        | 58 411,56        | 4 444,44        |      |      |      |      |      |
| Industrial Costs Cat C  | 172,80           |                  |                  |                  |                 |      |      |      |      |      |
| Running Costs Cat C   | 30,40            |                  |                  |                  |                 |      |      |      |      |      |
| Other Procurement Cost  |                  |                  |                  |                  |                 |      |      |      |      |      |
| <b>Total Direct Costs / Corporate / Basic Activities</b>  | <b>23 869,70</b> | <b>23 946,13</b> | <b>47 086,40</b> | <b>58 411,56</b> | <b>4 444,44</b> |      |      |      |      |      |
| Direct Costs  | 23 869,70        | 23 946,13        | 47 086,40        | 58 411,56        | 4 444,44        |      |      |      |      |      |
| Corporate   | 231,15           | 326,15           | 706,30           | 576,17           | 64,47           |      |      |      |      |      |
| Basic Activities  | 45,44            | 145,79           | 188,38           | 130,46           | 17,79           |      |      |      |      |      |

Project: E/0171-01  
Fund: E/0171-01Q  
Save and Generate  
Man/Year and Recharges  
for this Project/Fund  
Tutorial Link to PDF  
Official ESA Rate  
Document  
All Cat Foc  
All Planned Cat Foc  
Generate  
Provisional and  
Planned fees for All  
Projects  
Launch End Of  
Month Procedure  
Exit

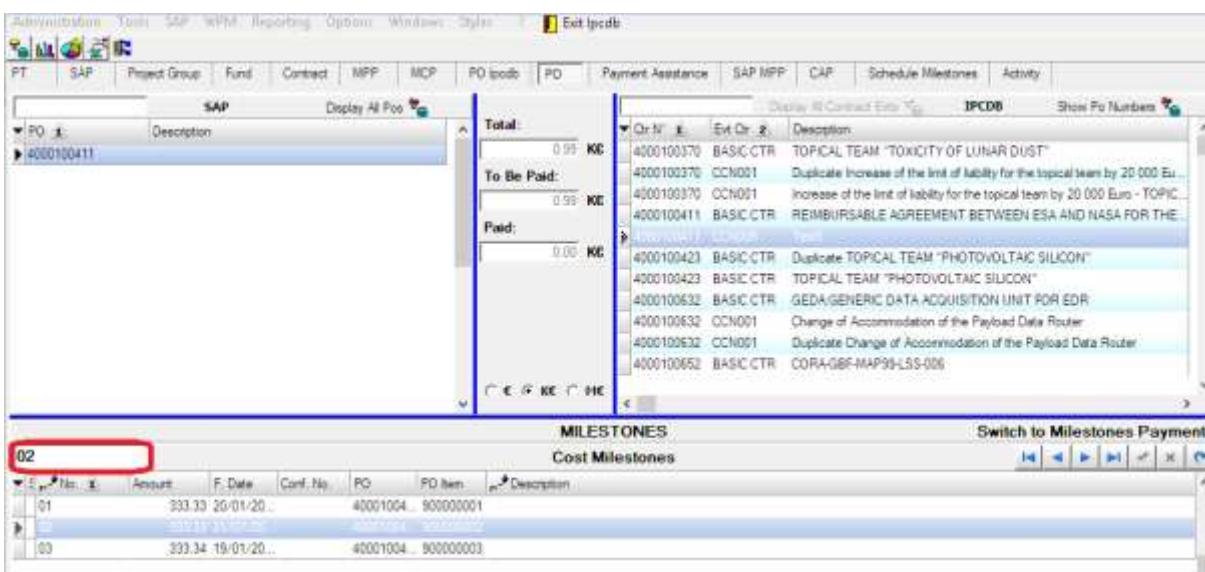
Data Rates Add (Delete) Rate Component

| Class C: Manpower        | Manpower Cat C Industrial | Manpower Cat C Running Costs | Class E: Admin, IT and FM | Class E: Admin Cat C | Class E: Corporate Governance | Class B: Esa Basic Activities |             |             |             |             |
|--------------------------|---------------------------|------------------------------|---------------------------|----------------------|-------------------------------|-------------------------------|-------------|-------------|-------------|-------------|
| <b>Class C: Manpower</b> | <b>2018</b>               | <b>2019</b>                  | <b>2020</b>               | <b>2021</b>          | <b>2022</b>                   | <b>2023</b>                   | <b>2024</b> | <b>2025</b> | <b>2026</b> | <b>2027</b> |
| H&O Staff                | 168,00                    |                              |                           |                      |                               |                               |             |             |             |             |
| H&O Contractors          | 168,00                    |                              |                           |                      |                               |                               |             |             |             |             |
| TBC Support              | 224,60                    |                              |                           |                      |                               |                               |             |             |             |             |
| GPS Project              | 223,30                    |                              |                           |                      |                               |                               |             |             |             |             |
| GPS Support              | 223,30                    |                              |                           |                      |                               |                               |             |             |             |             |
| R&S Support              | 186,60                    |                              |                           |                      |                               |                               |             |             |             |             |
| EOP Support              | 252,20                    |                              |                           |                      |                               |                               |             |             |             |             |

The above WPM new version was designed based on the following SoW proposal:



## PO Tab: Add a search window in MILESTONES Windows for the Cost Milestones frame



## Fixed Bugs from the 5.47 Version

| No Mantis | Tab       | Description   |
|-----------|-----------|---|
|           |           |   |
| 0001054   | Workforce | Industrial & Running Costs of Cat C. not calculated |

| No Mantis               | Tab             | Description   |
|-------------------------|-----------------|---|
|                         | Planning Module |   |
| <a href="#">0001174</a> | General IPCDB   | PO Tab: Add a search window in MILESTONES Windows for the Cost Milestones frame   |
| <a href="#">0001194</a> | Georeturn       | FormGeoReturnNew -> Le montant GeoReturn n'est pas bon (click droit -> GeoReturn)   |
| <a href="#">0001178</a> | tab Contract    | Activer le georeturn dand la Cmtl uniquement au moment du clic sur onglet   |
| <a href="#">0001048</a> | tab Contract    | When entering a new contract I can enter a notification date and signature dates, but not when modifying an existing contract.  |
| <a href="#">0001298</a> | tab Contract    | 00-BUG BO Chart konstantin montant top 10 EVT CTR pas bon!  |
| <a href="#">0001183</a> | General IPCDB   | 00- faire un SQL dans TOAD pour verfier les cas ou CA<>Costs<>PA  |
| <a href="#">0001224</a> | General IPCDB   | 01-ERROR SQL WP report  |
| <a href="#">0001119</a> | Work Request    | 06- SET aside report  |
| <a href="#">0001188</a> | General IPCDB   | 00-BUG SQL report: Industrial Cost Plan Outstanding lignes manquantes.  |
| <a href="#">0001192</a> | tab Contract    | 00-BUG Quand on change le GL on a un message d'erreur   |
| <a href="#">0001158</a> | tab Contract    | 00- BUG CMTL le WF est a zero ! correspond pas au GL  |
| <a href="#">0001187</a> | General IPCDB   | 00-BUG-TAB ARCHIVE- attachments plus disponible   |
| <a href="#">0001197</a> | General IPCDB   | 00-REGRESSION les fenetres s'ouvrent en arriere plan et plus en premier plan  |
| <a href="#">0000789</a> | Tab MCP         | L'onglet MCP: La colonne "Conf. No." = "GRN No." dans les tables. C'est mauvais! Il faut que cette colonne soit égale à "GRN Co |
| <a href="#">0000683</a> | tab Contract    | Mets l'export FR SC dans le menu options en haut  |
| <a href="#">0000758</a> | tab Contract    | 0000758: "NOC Export: ""merci de mettre le nom du fichier exporté NOC NOC+(CTR)+(EVT)+(amount)"                                 |
| <a href="#">0000760</a> | tab Contract    | 0000760: "Error when handling commitment line" pour les cmtls dans C21043   |

## Revisions in version 5.0.46

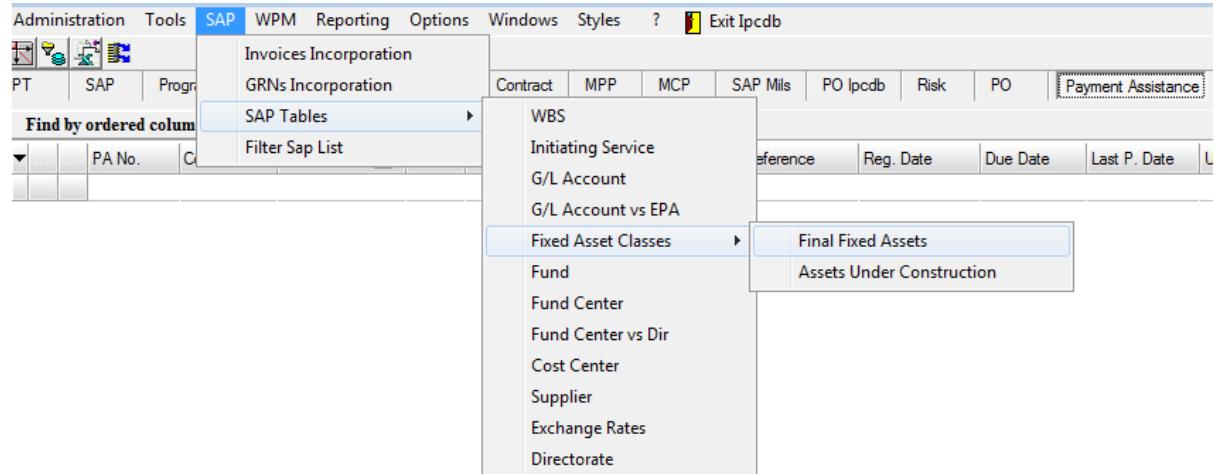
**“Update Geo Return”, a tick option in Red, available within the CMTL DATA window, in case the company is changed by the user**



**The option "Duplicate" has been replaced by "Duplicate and Open" in the menu of the payment Assistance Tab**



## SAP Tab: Add a table “Fixed Asset Classes” to the SAP Top Menu



| Fixed Asset Classes - Final Fixed Assets |   |                               |
|--|---|-------------------------------|
| FA Class                                 | FA Class Description                          | Default Useful Life (In Year) |
| 1100                                     | Undeveloped land                              | N/A                           |
| 1200                                     | Service land                                  | N/A                           |
| 1300                                     | Developed land                                | N/A                           |
| 2000                                     | Site development                              | 15                            |
| 3100                                     | Buildings                                     | 30                            |
| 3200                                     | Buildings fixtures and fittings               | 15                            |
| 3300                                     | Infrastructure development                    | 15                            |
| 4100                                     | Buildings on third-party sites                | 30                            |
| 4200                                     | Building fixtures and fittings on third-pa... | 15                            |
| 4300                                     | Infrastructure development on third-pa...     | 15                            |
| 5100                                     | Laboratories and test facilities              | 8                             |
| 5200                                     | Ground segment systems                        | 12                            |
| 5300                                     | Launcher systems                              | 10                            |
| 5400                                     | Launch complexes                              | 20                            |
| 5500                                     | Launch ranges                                 | 20                            |
| 6100                                     | Space laboratories                            | 10                            |
| 6200                                     | Satellites                                    | 10                            |
| 6300                                     | Probes  | 5                             |
| 6400                                     | Others (rovers, balloons, etc)                | 3                             |
| 7100                                     | Service cars and stores vehicles              | 5                             |
| 7200                                     | Administrative equipment                      | 8                             |
| 7300                                     | Computers, servers, network and asso...       | 4                             |
| 7400                                     | Facility infrastructure equipment             | 8                             |
| 7500                                     | Communications equipment                      | 7                             |
| 8100                                     | Research and development costs                | Case By Case                  |
| 8200                                     | Patents                                       | 20                            |

## Fixed Bugs from the 5.0.46 Version

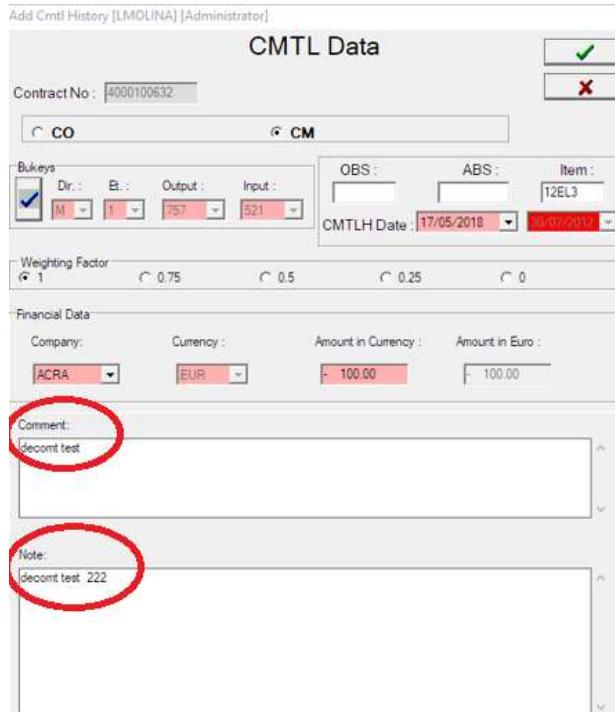
| No Mantis                | Tab                    | Description  |
|--------------------------|------------------------|--|
|                          |                        |  |
| <a href="#">0000803</a>  | Georeturn              | les modifications d'un supplier dans une nouvelle cmtl ne sont pas mises à jour dans le georeturn        |
| <a href="#">0001166</a>  | tab Payment Assistance | Tab PA: Change the option "Duplicate" by "Duplicate and Open" in the menu of the payment Assistance Tab  |
| <a href="#">0001186</a>  | tab Contract           | 00-BUG : automatic generation, apply rules, la C.date n'est plus mise à jour automatiquement (partially) |
| <a href="#">0000930</a>  | General IPCDB          | 05-SQL report TRG report Bug "select all" does not select all (link with 0001021)                        |
| <a href="#">00001021</a> | General IPCDB          | TRG report excel probleme de selection des filtres   |

| No Mantis               | Tab                | Description   |
|-------------------------|--------------------|---|
| <a href="#">0001198</a> | Tables Maintenance | 00-REGRESSION tools, tables maintenance, modify companies tab impossible  |
| <a href="#">0001043</a> | General IPCDB      | Please add the table Asset Classes in the SAP-Tables  |
| <a href="#">0001161</a> | Business Objects   | BO report : Majors Contract Event up coming .rep rajouter les "Comment et Note" de l'EVT CTR  |
| <a href="#">0001193</a> | General IPCDB      | L'onglet SQL Requêtes dans Excel Reports ne fonctionne pas pour HRE   |
| <a href="#">0001146</a> | Tab MCP            | 08- ERROR PO EVT n'est pas migré/copié dans le MCP  |
| <a href="#">0000863</a> | General IPCDB      | Downloading all DLLs at each startup is unnecessary   |
| N/A                     | tab Contract       | Pb 01 : Correction dans CMTL DATA de Amount In Euro quand les devises sont différentes de l'euro. Le montant affiché n'était pas correct. |

## Revisions in version 5.0.44

### Commitment Line: “Note” available when entering a HISTORY

When entering a HISTORY to a commitment line, it is now possible to add a comment and a note directly in the Cmtl History window. Originally, the field “Note” was only available as part of a second step, when modifying the history. This new feature is reducing considerably the duration of the process.



The screenshot shows the 'Add Cmtl History [LMOLINA] [Administrator]' window. At the top right are green and red checkmark buttons. Below is a section for 'CMTL Data' with fields for 'Contract No.' (4000100632), 'CO' or 'CM' selection, and various input fields like 'Bukys' (with a checked checkbox), 'Dir.', 'Et.', 'Output', 'Input', 'OBS', 'ABS', 'Item' (12EL3), and 'CMTLH Date' (17/05/2018). Below this are 'Weighting Factor' options (radio buttons for 1, 0.75, 0.5, 0.25, 0) and 'Financial Data' fields for 'Company' (ACRA), 'Currency' (EUR), and 'Amount in Currency' (100.00). At the bottom, two text areas are circled in red: 'Comment:' containing 'decomt test' and 'Note:' containing 'decomt test 222'.

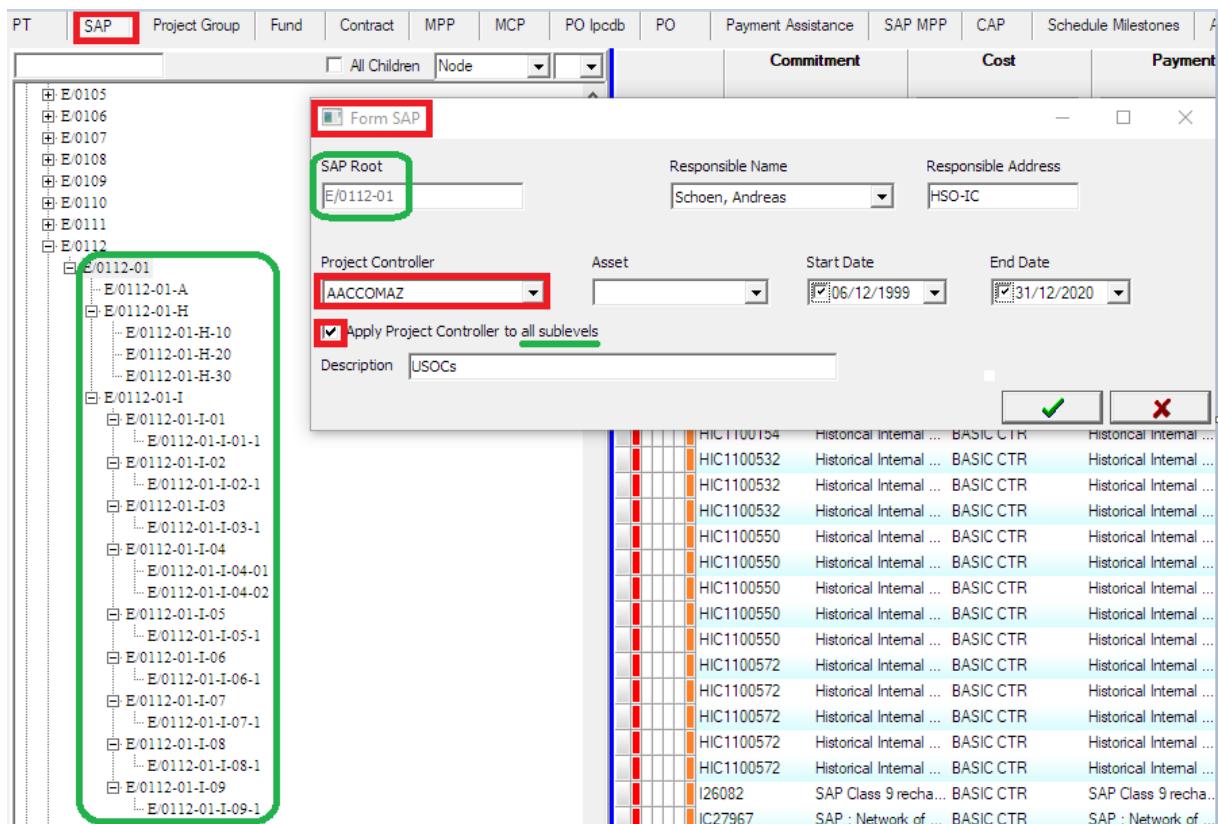
| HISTORY |     |     |     |            |          |                |      |             |            |             |
|---------|-----|-----|-----|------------|----------|----------------|------|-------------|------------|-------------|
| Dir     | Est | Out | EPA | Item       | Supplier | Amount in Cur. | Cur. | Amount in € | Date       | Description |
| M       | 1   | 757 | 521 | 12EL3 ACRA |          | - 100.00       | EUR  | - 100.00    | 17/05/2018 | decomt test |

## PO Tab: All Unit are available in the Total Panel (€; K€; M€)

| PT   | SAP | Project Group                              | Fund | Contract | MPP | MCP | PO Ipcdb | PO | Payment Assistance | SAP M |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
|--|-----|--|------|----------|-----|-----|----------|----|--------------------|-------|--------|--|-----------------|--|-------------|--|-----------|--|--------|--|--------------|------|--------|-------------|--------|--|--------|--|--------|--|--------|--|------------|--|------------------------------------|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|------------|--|------------------------|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|------------|--|-----------------------------------|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|------------|--|---------------------------|--|--|--|--|--|--|--|--|------------|--|---------------------------------------|--|--|--|--|--|--|--|--|------------|--|---------------------------------------|--|--|--|--|--|--|--|--|------------|--|---|--|--|--|--|--|--|--|--|
|  | SAP |  |      |          |     |     |          | PO |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th colspan="2">SAP</th> <th colspan="9">Display All Pos</th> </tr> </thead> <tbody> <tr> <td>▼ PO</td> <td>1</td> <td colspan="9">Description</td> </tr> <tr> <td colspan="2">4200023080</td> <td colspan="9">DROP TOWER UTILISATION 2010 - 2011</td> </tr> <tr> <td colspan="2">4200020447</td> <td colspan="9"></td> </tr> <tr> <td colspan="2">4000100652</td> <td colspan="9">CORA-GBF-MAP99-LSS-006</td> </tr> <tr> <td colspan="2">4200022456</td> <td colspan="9"></td> </tr> <tr> <td colspan="2">4200021060</td> <td colspan="9">PHASE B AND C/D FOR DIRSOL IN MSG</td> </tr> <tr> <td colspan="2">4200044317</td> <td colspan="9">MATERIAL SCIENCE LABORATORY IN THE US M...</td> </tr> <tr> <td colspan="2">4200019579</td> <td colspan="9"></td> </tr> <tr> <td colspan="2">4200021081</td> <td colspan="9">RECURRING UNITS OF KUBIK INCUBATORS WIT...</td> </tr> <tr> <td colspan="2">5001002735</td> <td colspan="9">MOLECULAR FILTER FOR ATV2</td> </tr> <tr> <td colspan="2">4000101579</td> <td colspan="9">4000101116_19009-TERMA-TEC-MMA_ LS...</td> </tr> <tr> <td colspan="2">4000101823</td> <td colspan="9">TOPICAL TEAM: TWO PHASE HEAT TRANSFER</td> </tr> <tr> <td colspan="2">4000102119</td> <td colspan="9">GBF - VIBRATION GRIMM HEMMERSBACH BAUER</td> </tr> </tbody> </table> |     |  |      |          |     |     |          |    |                    |       | SAP    |  | Display All Pos |  |             |  |           |  |        |  |              | ▼ PO | 1      | Description |        |  |        |  |        |  |        |  | 4200023080 |  | DROP TOWER UTILISATION 2010 - 2011 |  |  |  |  |  |  |  |  | 4200020447 |  |  |  |  |  |  |  |  |  |  | 4000100652 |  | CORA-GBF-MAP99-LSS-006 |  |  |  |  |  |  |  |  | 4200022456 |  |  |  |  |  |  |  |  |  |  | 4200021060 |  | PHASE B AND C/D FOR DIRSOL IN MSG |  |  |  |  |  |  |  |  | 4200044317 |  | MATERIAL SCIENCE LABORATORY IN THE US M... |  |  |  |  |  |  |  |  | 4200019579 |  |  |  |  |  |  |  |  |  |  | 4200021081 |  | RECURRING UNITS OF KUBIK INCUBATORS WIT... |  |  |  |  |  |  |  |  | 5001002735 |  | MOLECULAR FILTER FOR ATV2 |  |  |  |  |  |  |  |  | 4000101579 |  | 4000101116_19009-TERMA-TEC-MMA_ LS... |  |  |  |  |  |  |  |  | 4000101823 |  | TOPICAL TEAM: TWO PHASE HEAT TRANSFER |  |  |  |  |  |  |  |  | 4000102119 |  | GBF - VIBRATION GRIMM HEMMERSBACH BAUER |  |  |  |  |  |  |  |  |
| SAP  |     | Display All Pos                            |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| ▼ PO   | 1   | Description                                |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4200023080   |     | DROP TOWER UTILISATION 2010 - 2011         |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4200020447   |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4000100652   |     | CORA-GBF-MAP99-LSS-006                     |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4200022456   |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4200021060   |     | PHASE B AND C/D FOR DIRSOL IN MSG          |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4200044317   |     | MATERIAL SCIENCE LABORATORY IN THE US M... |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4200019579   |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4200021081   |     | RECURRING UNITS OF KUBIK INCUBATORS WIT... |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 5001002735   |     | MOLECULAR FILTER FOR ATV2                  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4000101579   |     | 4000101116_19009-TERMA-TEC-MMA_ LS...      |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4000101823   |     | TOPICAL TEAM: TWO PHASE HEAT TRANSFER      |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 4000102119   |     | GBF - VIBRATION GRIMM HEMMERSBACH BAUER    |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th colspan="2">Total:</th> </tr> </thead> <tbody> <tr> <td colspan="2">000 000 00 €</td> </tr> <tr> <th colspan="2">To Be Paid:</th> </tr> <tr> <td colspan="2">0.00 €</td> </tr> <tr> <th colspan="2">Paid:</th> </tr> <tr> <td colspan="2">000 000.00 €</td> </tr> </tbody> </table>  |     |  |      |          |     |     |          |    |                    |       | Total: |  | 000 000 00 €    |  | To Be Paid: |  | 0.00 €    |  | Paid:  |  | 000 000.00 € |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| Total:   |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 000 000 00 €   |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| To Be Paid:  |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 0.00 €   |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| Paid:  |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| 000 000.00 €   |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th colspan="2">Ctr N°</th> <th colspan="2">Evt Ctr</th> </tr> </thead> <tbody> <tr> <td colspan="2">C21081</td> <td colspan="2">BASIC CTR</td> </tr> <tr> <td colspan="2">C21081</td> <td colspan="2">CCN001</td> </tr> <tr> <td colspan="2">C21081</td> <td colspan="2">CCN002</td> </tr> <tr> <td colspan="2">C21081</td> <td colspan="2">CCN003</td> </tr> <tr> <td colspan="2">C21081</td> <td colspan="2">CCN004</td> </tr> </tbody> </table>  |     |  |      |          |     |     |          |    |                    |       | Ctr N° |  | Evt Ctr         |  | C21081      |  | BASIC CTR |  | C21081 |  | CCN001       |      | C21081 |             | CCN002 |  | C21081 |  | CCN003 |  | C21081 |  | CCN004     |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| Ctr N°   |     | Evt Ctr                                    |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| C21081   |     | BASIC CTR                                  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| C21081   |     | CCN001                                     |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| C21081   |     | CCN002                                     |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| C21081   |     | CCN003                                     |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| C21081   |     | CCN004                                     |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |
| <input checked="" type="radio"/> € <input type="radio"/> K€ <input type="radio"/> M€   |     |  |      |          |     |     |          |    |                    |       |        |  |                 |  |             |  |           |  |        |  |              |      |        |             |        |  |        |  |        |  |        |  |            |  |                                    |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                                   |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |  |  |            |  |                           |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |                                       |  |  |  |  |  |  |  |  |            |  |   |  |  |  |  |  |  |  |  |

## SAP Tab: Apply Project Controller to all WBS sublevels

Right click on the SAP Root, select “Modify” in order to open the Form SAP window. While choosing the Project Controller responsible for this SAP level, a new tick box can be also used to apply at once, the selected PC to all the SAP sublevels under the current SAP Root.



|  | HIC        | Description             | Type      | Category                |
|--|------------|-------------------------|-----------|-------------------------|
|  | HIC1100154 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100532 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100532 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100532 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100550 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100550 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100550 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100550 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100550 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100572 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100572 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100572 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | HIC1100572 | Historical Internal ... | BASIC CTR | Historical Internal ... |
|  | I26082     | SAP Class 9 recha...    | BASIC CTR | SAP Class 9 recha...    |
|  | IC27967    | SAP : Network of ...    | BASIC CTR | SAP : Network of ...    |

## Fixed Bugs from the 5.0.44 Version

| No Mantis               | Tab                    | Description   |
|-------------------------|------------------------|---|
|                         |                        |   |
| <a href="#">0001141</a> | Commitment line screen | In HISTORY for a commitment line: add NOTE window when creating the history line and not only when modifying. |
| <a href="#">0001154</a> | General IPCDB          | Tab PO : Ajouter le choix d'afficher total/Paid ... en € / K€ / M€  |
| <a href="#">0000920</a> | Work Request           | Apply Project Controller to WBS sublevel  |
| <a href="#">0001069</a> | tab MCP                | 02- Procedure Automatique des mise a jour des EED pour le fichier de Mohamed Squalli comme pour HRE           |
| <a href="#">0001091</a> | Tab SAP Mils           | 10- ERROR PO number et item number dans SAP mils  |
|                         |                        |   |



## What's New 6.1.4 Release, December 2019

### Revisions in version 5.0.42 and related patch

#### PO Tab: A new Switch Frame for Milestones Cost or Payment

This screenshot shows the SAP PO tab interface. At the top, there is a navigation bar with tabs like PT, SAP, RBS, Fund, Contract, MPP, MCP, PO Ipcdb, PO, and Payment Assistance. Below the navigation bar, there is a list of milestones with their descriptions and codes. A red circle highlights the 'MILESTONES' tab. To the right of the list, there is a button labeled 'Switch to Milestones Cost'. The list includes items such as:

- KE CT1482 CON00 INCREASE OF LOI
- KE CT1483 CON01 INCREASE OF LOI
- KE CT14830 BASIC- STUDY AND DEVELOPMENT OF EPOXY FACILITY + CON 001 INCREASE LIMIT OF LIABILITY
- KE CT14830 CON02 INCREASE LIMIT OF LIABILITY
- KE CT14830 CON03 INCREASE LIMIT OF LIABILITY
- KE CT14830 CON04 INCREASE OF LIABILITY
- KE CT14830 CON05 INCREASE OF LIABILITY
- KE CT14830 CON06 INCREASE OF LIABILITY
- KE CT14830 CON07 INCREASE LOI FOR EPOX-X SUPPORT
- KE CT14830 CON08 INCREASE LOI FOR EPOX-X SUPPORT 2

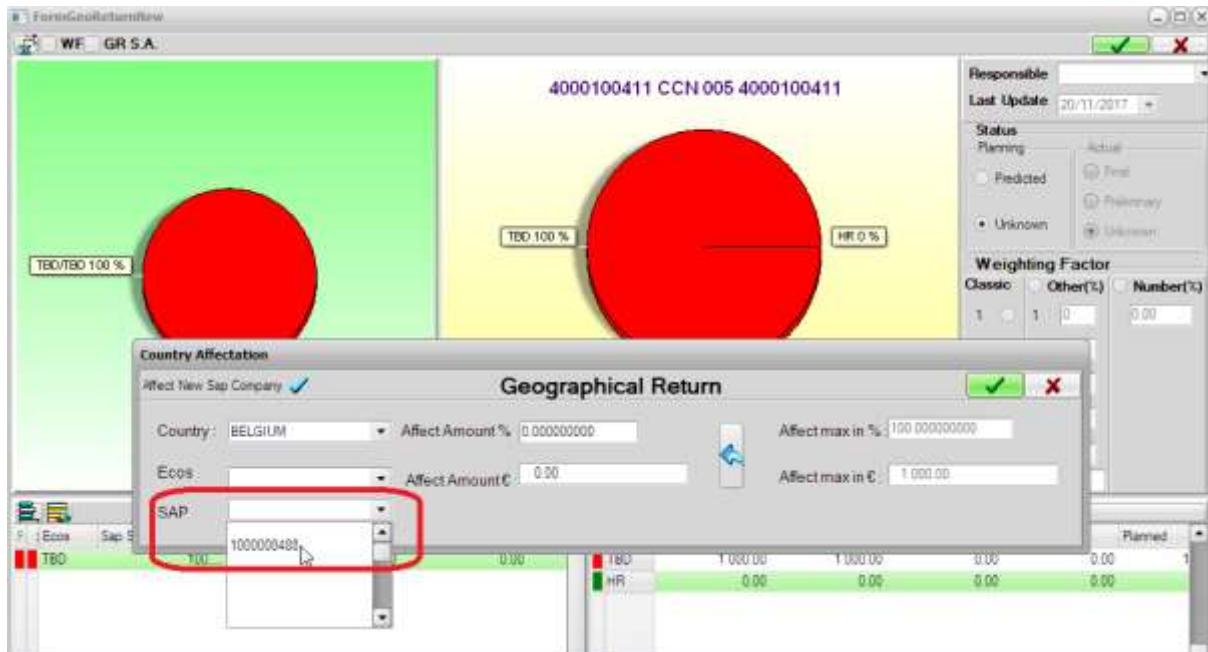
This screenshot shows the SAP PO tab interface, similar to the previous one but with a different list of milestones. A red circle highlights the 'MILESTONES' tab. To the right of the list, there is a button labeled 'Switch to Milestones Payment'. The list includes items such as:

- KE CT1482 CON00 INCREASE OF LOI
- KE CT1483 CON01 INCREASE OF LOI
- KE CT14830 BASIC- STUDY AND DEVELOPMENT OF EPOXY FACILITY + CON 001 INCREASE LIMIT OF LIABILITY
- KE CT14830 CON02 INCREASE LIMIT OF LIABILITY
- KE CT14830 CON03 INCREASE LIMIT OF LIABILITY
- KE CT14830 CON04 INCREASE OF LIABILITY
- KE CT14830 CON05 INCREASE OF LIABILITY
- KE CT14830 CON06 INCREASE OF LIABILITY
- KE CT14830 CON07 INCREASE LOI FOR EPOX-X SUPPORT
- KE CT14830 CON08 INCREASE LOI FOR EPOX-X SUPPORT 2

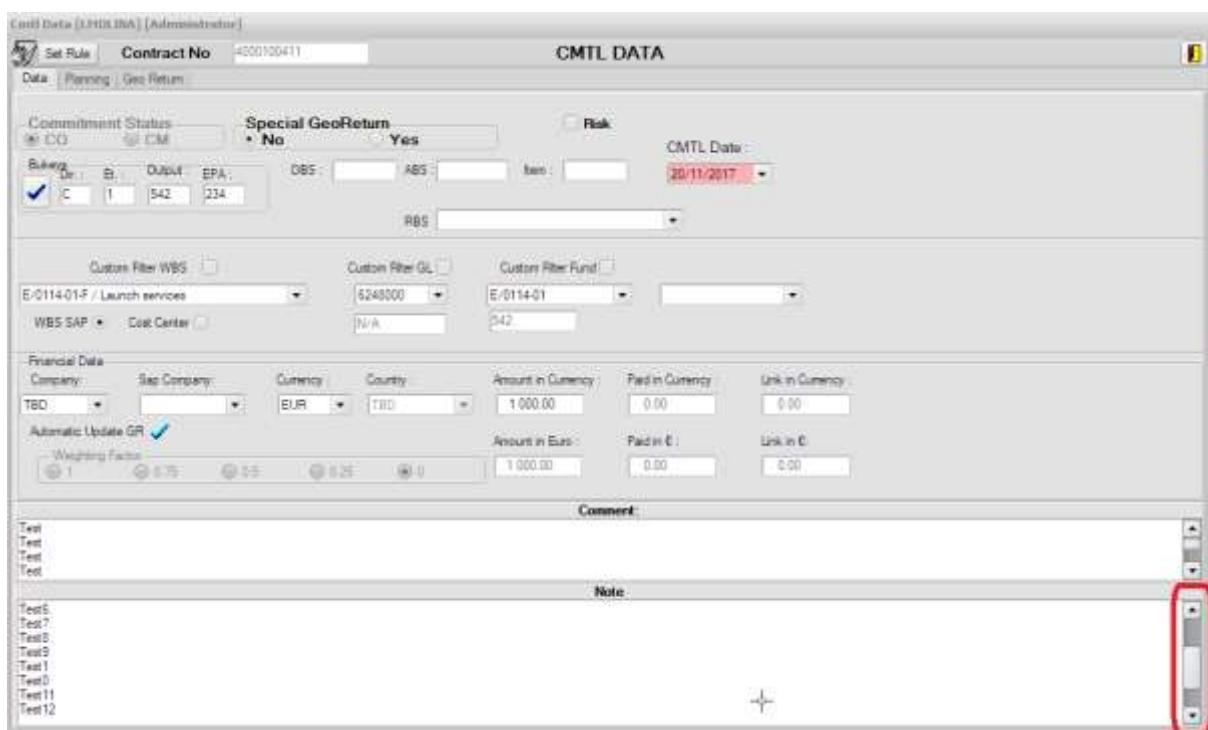
#### Duplicate Invoice

This screenshot shows the SAP Payment Assistance tab interface. At the top, there is a navigation bar with tabs like PT, SAP, RBS, Fund, Contract, MPP, MCP, PO Ipcdb, PO, and Payment Assistance. Below the navigation bar, there is a search bar with the text 'Find by ordered column 7000451547\*' and a checkmark icon. There is also a 'Synthetic View' button. The main area shows a table with columns: PA No., Contract No., Voucher No., Status, Amount, Cur., Supplier, and Original Reference. A row is selected with the PA No. LM65 and Contract No. 4000100370. A context menu is open over this row, with the 'Duplicate' option highlighted with a red box. Other options in the menu include Synthetic View, Break Associations, Integrate, and Delete.

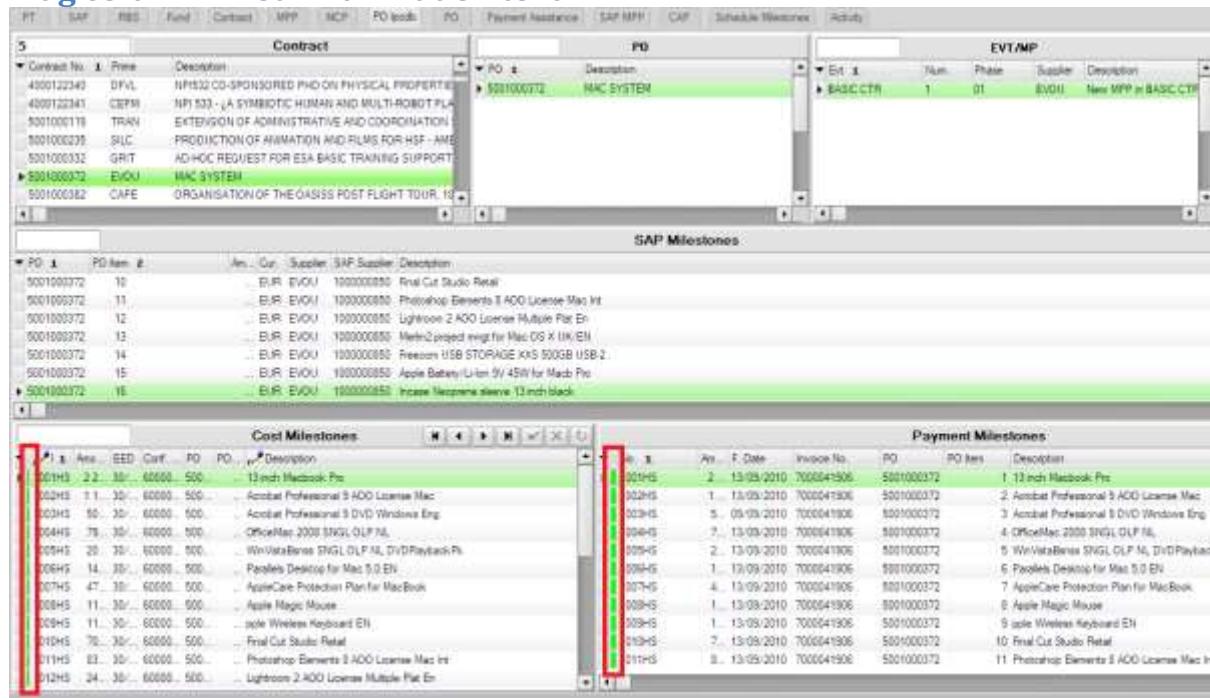
**SAP Company codes are also available when entering a new Geographical distribution**



**In View Mode, a scroll-down menu is available for the Note within the CMTL DATA**



## Flag column filled with hidden text



The screenshot displays several windows from the JPSI software:

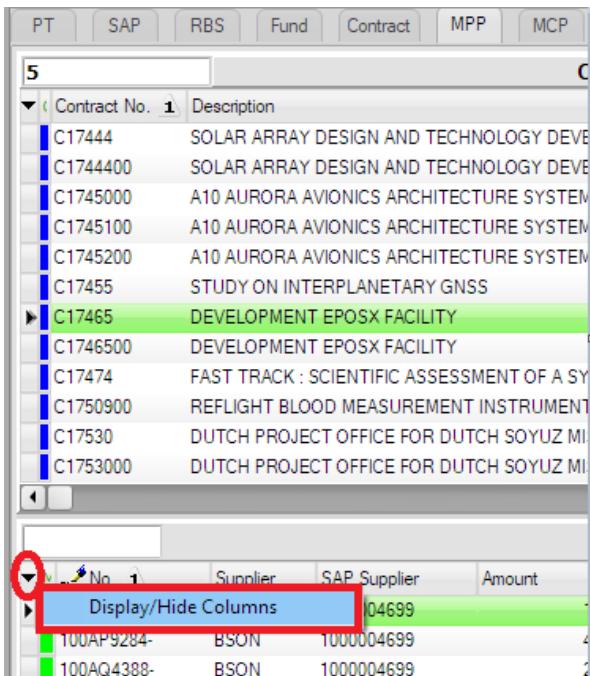
- Contract**: Shows a list of contracts with columns for Contract No., Name, Description, and PO.
- PO**: Shows a list of purchase orders with columns for PO No., Description, and Event ID.
- EVT/MP**: Shows a list of events with columns for Event ID, Num, Phase, Supplier, and Description.
- SAP Milestones**: Shows a list of SAP milestones with columns for PO, PO Item, Am, Cur, Supplier, SAP Supplier, and Description.
- Cost Milestones**: Shows a list of cost milestones with columns for PO, PO Item, Description, and various date/time fields.
- Payment Milestones**: Shows a list of payment milestones with columns for PO, PO Item, Description, and various date/time fields.

Red boxes highlight specific rows in the Cost Milestones and Payment Milestones tables, indicating the presence of hidden text in the flag column.

## Customize your displayed data with the extended option "Display/Hide Columns" within the DTB windows

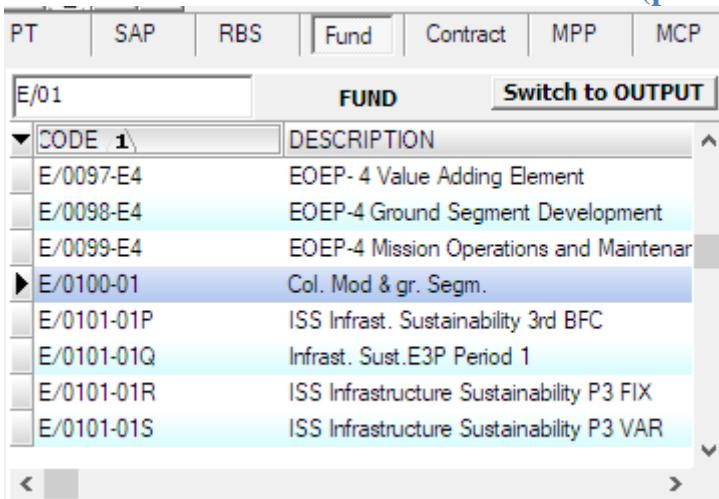
This option is now widely available and provides the users an efficient way to customize the database and displayed data.

"Display/Hide Columns" can be found for the following windows: Contract; Contract Events; Milestone Plan; Payment Milestones; Invoice Lines; Milestones; Confirmations; SAP Milestones and Cost Milestones.



The screenshot shows the Fund tab interface. At the top, there are tabs: PT, SAP, RBS, Fund, Contract, MPP, and MCP. Below the tabs is a search bar with the number '5' and a dropdown menu. The main area displays a list of contracts under the heading 'Contract No.' and 'Description'. One contract, 'C17465 DEVELOPMENT EPOSX FACILITY', is highlighted with a green background. Below the list is a table with columns: 'No.', 'Supplier', 'SAP Supplier', and 'Amount'. A row in the table is highlighted with a red border, and the 'Display/Hide Columns' button is also highlighted with a red circle.

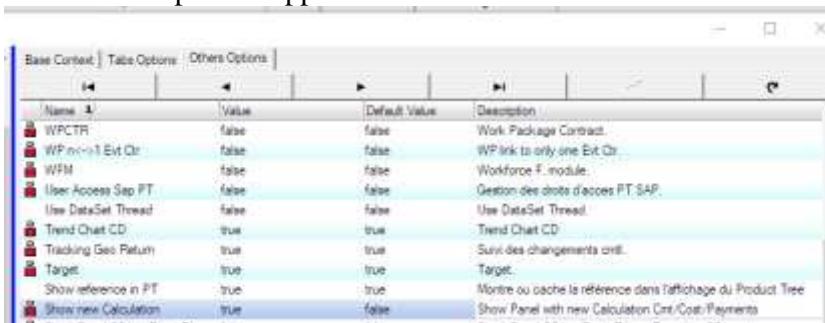
### Tab Fund: Search on funds “E/” activated (patch)



The screenshot shows the Fund tab interface with the search bar containing 'E/01'. The results list several funds, with one entry, 'E/0100-01 Col. Mod & gr. Segm.', highlighted with a blue background. There is a 'Switch to OUTPUT' button at the top right of the list area.

### Option « Show Calculations » (patch)

Activation of this Option via the Top Menu “Options”, Tab “Others Options”. It is necessary to close and open the application after the activation.



The screenshot shows the 'Others Options' dialog box. The 'Table Options' tab is selected. In the table, the 'Show Calculations' option is visible, with its value set to 'true'. Other options listed include 'WPCTR', 'WF m>>1 Ext Ch', 'WFM', 'User Access Sap PT', 'Use DataSet Thread', 'Trend Chart CD', 'Tracking Geo Return', 'Target', 'Show reference in PT', and 'Show new Calculation'.

Additional columns « New Commitment » and «New Payment ».

|             | Commitment | Cost   | Payment | New Commitment | New Payment | <input type="radio"/> € | <input checked="" type="radio"/> K€ | <input type="radio"/> M€ | <input type="checkbox"/> WF |
|-------------|------------|--------|---------|----------------|-------------|-------------------------|-------------------------------------|--------------------------|-----------------------------|
| Total       | 13.167     | 13.167 | 13.167  | 13.167         | 13.167      | <input type="radio"/>   | <input checked="" type="radio"/>    | <input type="radio"/>    | <input type="checkbox"/>    |
| Planned     | 0.000      | 0.000  | 0.000   | 0.000          | 0.000       | <input type="radio"/>   | <input checked="" type="radio"/>    | <input type="radio"/>    | <input type="checkbox"/>    |
| Actual      | 13.167     | 13.167 | 13.167  | 13.167         | 13.167      | <input type="radio"/>   | <input checked="" type="radio"/>    | <input type="radio"/>    | <input type="checkbox"/>    |
| Provisional |            | 0.000  |         |                |             | <input type="radio"/>   | <input checked="" type="radio"/>    | <input type="radio"/>    | <input type="checkbox"/>    |

## Fixed Bugs from the 5.0.42 Version

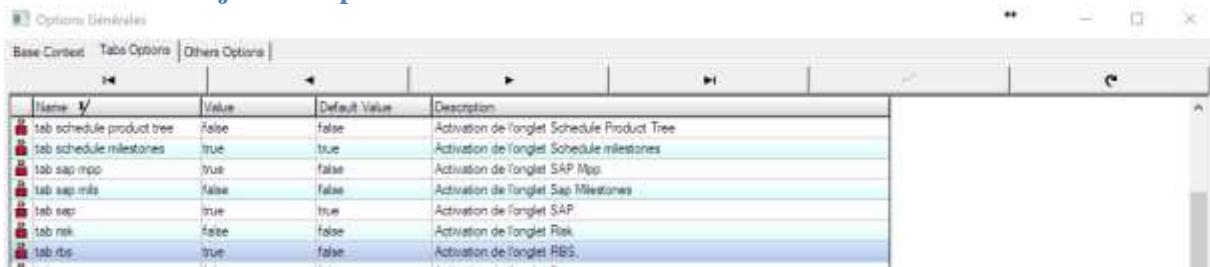
| No Mantis               | Tab                    | Description  |
|-------------------------|------------------------|--|
|                         |                        |  |
| <a href="#">0001126</a> | General IPCDB          | PO Tab -> MCP avec LAU   |
| <a href="#">0001152</a> | General IPCDB          | 01-bug ACTIVITY tab filtre ' last 3 months" tick ou pas = pareil   |
| <a href="#">0000840</a> | Work Request           | Merci de créer un duplicate invoice dans le payment assistance   |
| <a href="#">0001140</a> | tab Payment Assistance | Function "Duplicate" does not work anymore in payment assistance tab?  |
| <a href="#">0000076</a> | Work Request           | PLEASE provide us a way to create invoice easier   |
| <a href="#">0000915</a> | tab PO Ipcdb           | Flag column filled with hidden text  |
| <a href="#">0000968</a> | Commitment line screen | Note in FDCMTL can't be scrolled in View Mode  |
| <a href="#">0001024</a> | General IPCDB          | Not possible to insert supplier in IPCDB   |
| <a href="#">0001001</a> | Work Request           | Généraliser l'option "ShowColumns"   |
| <a href="#">0000914</a> | General IPCDB          | Display user's environment in the Admin Options  |
| <a href="#">0001022</a> | General IPCDB          | The WO accepts only two digits, so WO with maximum number is 99. (linked to <a href="#">0001049</a> )                        |
| <a href="#">0001113</a> | Georeturn              | Company code availability in the Georeturn tab   |
| <a href="#">0000302</a> | General IPCDB          | When losing connection to Oracle, display only 1 popup   |
| <a href="#">0001115</a> | Tab Output             | 09- TAB Output par defaut sur Fund pas output et graph fonctionel  |
| <a href="#">0001078</a> | tab Contract           | 12- ERROR dans EVT CTR quand on met un commentaire en face de PO initiation date IPCDB le met dans le champ PO Approval date |
| <a href="#">0001112</a> | General IPCDB          | Add options and default value for the Schedule Milestones delay unit. 2 <sup>nd</sup> Batch (V4.20)                          |
| N/A                     | tab Contract           | Option « Show Calculations »   |
| N/A                     | tab Contract           | Elle contient la possibilité de Modify field à la date d'aujourd'hui.  |

| No Mantis               | Tab                | Description   |
|-------------------------|--------------------|---|
|                         |                    | 2 <sup>nd</sup> Batch (V4.20)   |
| <a href="#">0001071</a> | Tab PO             | 14- Tab PO mettre les info du TAB MCP et non MPP  |
| <a href="#">0001147</a> | Business Objects   | merci de rajouter le filtre RBS dans ce rapport MCP   |
| <a href="#">0001151</a> | tab Contract       | 09- si CMTL = 0 Quand on efface les lignes MCP a la main cela n'est pas pris en compte                |
| <a href="#">0001181</a> | General IPCDB      | 00-base de test sur le server le .cmd ne fonctionne plus, impossible d'ouvrir IPCDb depuis le server? |
| <a href="#">0001180</a> | General IPCDB      | 01-Environement TEST nomme TEST   |
| <a href="#">0001153</a> | GRNs Incorporation | 01-EFFACER le SQL report : " Contractualisation plan Mcp "  |
| <a href="#">0001104</a> | Tab Mpp            | 0-ERROR tab MPP f.date=P.date si milestone PAID   |
| <a href="#">0001148</a> | General IPCDB      | 05- Report SQL MCP Activity rajouter une colonne WBS et GL complement a droite                        |
| <a href="#">0001116</a> | General IPCDB      | 04- SQL report "Contractualisation plan Corrected" rajouter une colonne WBS et GL                     |
| <a href="#">0001092</a> | Tab Mpp            | 01- EED et Pdate : Regles automatiques de mise a jour   |
| <a href="#">0001116</a> |                    |   |

## Revisions in version 5.0.31

### Finalisation of Project Group Tab for HRE

#### Activation of Project Group Tab



| Name                      | Value | Default Value | Description                                   |
|---------------------------|-------|---------------|---|
| tab schedule product tree | false | false         | Activation de l'onglet Schedule Product Tree. |
| tab schedule milestones   | true  | true          | Activation de l'onglet Schedule milestones.   |
| tab sap mpp               | true  | false         | Activation de l'onglet SAP Mpp.               |
| tab sap mla               | false | false         | Activation de l'onglet Sap Milestones.        |
| tab sap                   | true  | true          | Activation de l'onglet SAP                    |
| tab risk                  | false | false         | Activation de l'onglet Risk                   |
| tab rbs                   | true  | false         | Activation de l'onglet RBS.                   |



## What's New 6.1.4 Release, December 2019

### Display of Project Group Tab

|            | Commitment | Cost    | Payment | E                                      | Target  |
|------------|------------|---------|---------|--|---------|
| Total      | 103.229    | 103.229 | 103.229 | <input checked="" type="checkbox"/> KE | ✓ 0.000 |
| Planned    | 0.000      | 0.000   | 0.000   | <input type="checkbox"/> ME            |         |
| Actual     | 103.229    | 103.229 | 103.229 | <input type="checkbox"/> WF            |         |
| Forecasted |            | 0.000   |         |  |         |

|            | Commitment Lines |                |                     |                          |            |                |            |             |      |   |
|------------|------------------|----------------|---------------------|--------------------------|------------|----------------|------------|-------------|------|---|
|            | Contract No.     | Contract Desc. | Contract E-HY       | Ch. Dr. Desc.            | INC/DE-WBS | Project Group  | SAP WBS    | Cost Center | Fund | % |
| 4000101107 | ASIM PHASE C/D   | CCN 026        | Replacement of C... | MF1828TA MPC Z1 ASIM F.. | ASIM       | E-0156-01-E-20 | E-0156-015 | 6051100     |      |   |
| 4000101107 | ASIM PHASE C/D   | CCN 026        | Replacement of C... | MF1828TA MPC Z1 ASIM F.. | ASIM       | E-0156-01-E-20 | E-0156-01  | 6051100     |      |   |
| 4000101107 | ASIM PHASE C/D   | CCN 016        | SVT m Brennen &...  | ME7BC05 MPC Z1 ASIM Ph.. | ASIM       | E-0156-01-E-20 | E-0156-01D | 6051100     |      |   |
| 4000101107 | ASIM PHASE C/D   | CCN 016        | SVT m Brennen &...  | ME7BC05 MPC Z1 ASIM Ph.. | ASIM       | E-0156-01-E-20 | E-0156-01D | 6051100     |      |   |
| 4000101107 | ASIM PHASE C/D   | CCN 017        | ASIM Bongarten      | ME7BC05 MPC Z1 ASIM Ph.. | ASIM       | E-0156-01-E-20 | E-0156-01D | 6051100     |      |   |
| 4000101107 | ASIM PHASE C/D   | CCN 017        | ASIM Bongarten      | MF1828TA MPC Z1 ASIM F.. | ASIM       | E-0156-01-E-20 | E-0156-015 | 6051100     |      |   |
| 4000101107 | ASIM PHASE C/D   | CCN 017        | ASIM Bongarten      | MF1828TA MPC Z1 ASIM F.. | ASIM       | E-0156-01-E-20 | E-0156-015 | 6051100     |      |   |
| 4000101107 | ASIM PHASE C/D   | CCN 018        | ASIM Rehsegment     | ME7BC04 MPC Z1 ASIM F..  | ASIM       | E-0156-01-E-20 | E-0156-01  | 6051100     |      |   |

### Project Group Field in CMTL DATA

|   |              |            |  |  |                               |  |                                       |  |  |  |  |  |
|---|--------------|------------|--|--|-------------------------------|--|---------------------------------------|--|--|--|--|--|
| Set Rules   | Contract No. | 4000101107 | CMTL DATA  |  |                               |  |                                       |  |  |  |  |  |
| Data  | Planning     | Geo Return |  |  |                               |  |                                       |  |  |  |  |  |
| Commitment Status<br><input type="radio"/> CO <input checked="" type="radio"/> CM   |              |            | Special GeoReturn<br><input type="radio"/> No <input checked="" type="radio"/> Yes |  | CMTL Date: 31.05.2011         |  |                                       |  |  |  |  |  |
| Budget<br><input checked="" type="checkbox"/> Dr. <input type="checkbox"/> B. <input type="checkbox"/> Output <input type="checkbox"/> EPA: |              |            | OBS: [ ] ABS: [ ] Item: [ ]  |  |                               |  |                                       |  |  |  |  |  |
| <input checked="" type="checkbox"/> Dr. <input type="checkbox"/> B. <input type="checkbox"/> Output <input type="checkbox"/> EPA:           |              |            | OBS: [ ] ABS: [ ] Item: [ ]  |  |                               |  |                                       |  |  |  |  |  |
| Project Group: ASIM   |              |            | Personal Filter WBS: [E-0156-01-E-20 / ASIM - Phase C/D]                           |  | Personal Filter GL: [6051100] |  | Personal Filter FundFund: [E-0156-01] |  |  |  |  |  |
| WBS SAP: [ ] Cost Center: [ ]   |              |            | More than one: [ ]   |  | Fund: [ ]                     |  |                                       |  |  |  |  |  |

## Define Filter Sap List & Apply Custom Filters

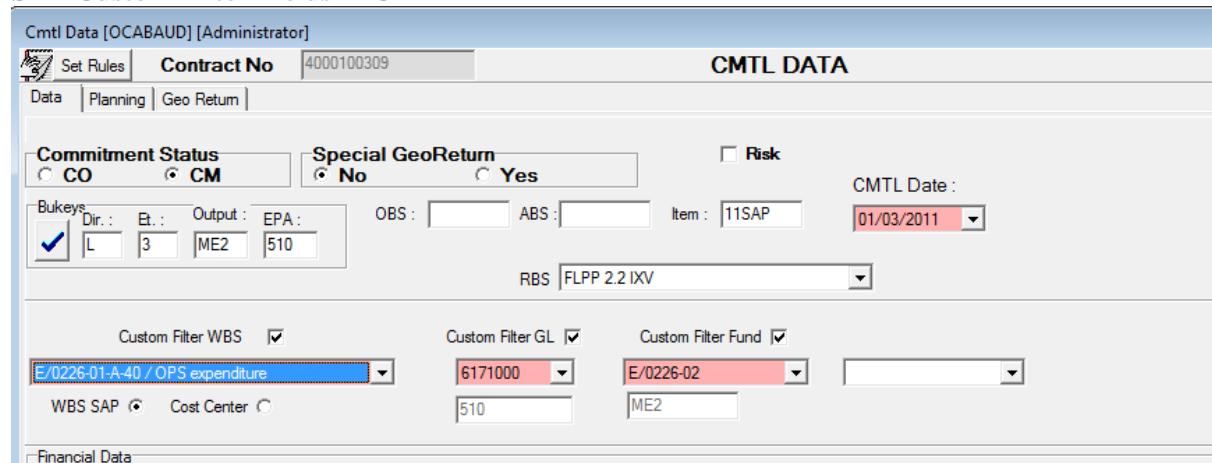
Within SAP Top Menu, selection of Custom Filters in the Sap List



The screenshot shows the SAP top menu with the 'Filter List' option highlighted. Below the menu, three overlapping windows are displayed:

- Left Window (WBS):** Shows a list of WBS items under E/0156, including Launch Services, Launch Vehicle, Ground Segment & Operation Prep, Operations, Common Infrastructure, K Technology, Science & Exploitation, Human Space, Education and Public outreach, Historical Data Migration, ASIM, ASIM-ELIPS4, ASIM ELIPS4 Additional Subscriptions, ASIM, ACES, ACES-ELIPS4, ACES ELIPS4 Additional Subscriptions, ACES, ACES, and Management Reserve.
- Middle Window (Fund):** Shows a list of Fund items under E/0156, including ISS Phys. Subtask, ISS Phys. Subtask, ISS Phys. Subtask, Human Physiology Equipment, ISS Phys. Subtask, ISS Phys. Subtask, Space Optical Clocks, Space Optical Clock, ASIM, ASIM-ELIPS4, ASIM ELIPS4 Additional Subscriptions, ASIM, ACES, ACES-ELIPS4, ACES ELIPS4 Additional Subscriptions, ACES, ACES, and Management Reserve.
- Right Window (GL):** Shows a list of GL items under 605110, including GSA/ESA Galileo WA clearance account, Provision for depreciation of shares, Provision for depreciation of bonds, Technical migration account for 590609, Provision for depreciation of short term investments, Change in stocks of raw materials (and supplies), Change in stocks of other consumables, Launch associated services, Mission preparation, operations and exploitation, Associated engineering, spares and support, Development and production of MGSE, Centralised parts procurement, Launch purchase, Information technology and management tools, Development of Ground segment systems, Non-inventoriable supplies (water - energy), Electricity, Gas, Water and sewage, Oil, and Supplies for ground segment ICT.

## SAP Custom Filter Fields in CMTL DATA



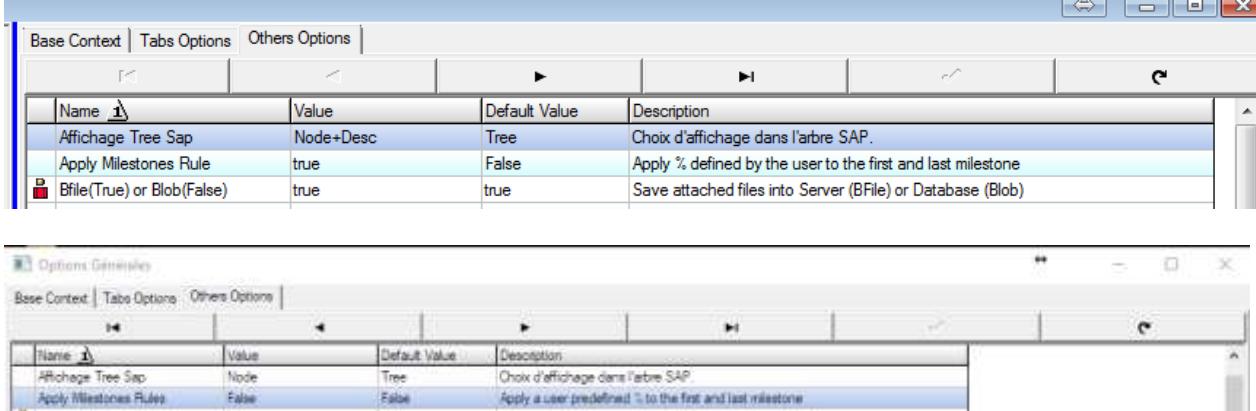
The screenshot shows the SAP CMTL DATA screen with various filter fields:

- Top Left:** Set Rules, Contract No: 4000100309, Data, Planning, Geo Return.
- Top Right:** CMTL DATA, CMTL Date: 01/03/2011.
- Middle Left:** Commitment Status (CO, CM), Special GeoReturn (No, Yes), Risk checkbox.
- Middle Center:** Bukeys (Dir.: L, Et.: 3, Output: ME2, EPA: 510), OBS: [ ] ABS: [ ], Item: 11SAP.
- Middle Right:** RBS: FLPP 2.2 IXV.
- Bottom Left:** Custom Filter WBS (checkbox checked, dropdown: E/0226-01-A-40 / OPS expenditure), WBS SAP (radio button selected).
- Bottom Middle:** Custom Filter GL (checkbox checked, dropdown: 6171000), Cost Center (dropdown: 510).
- Bottom Right:** Custom Filter Fund (checkbox checked, dropdown: E/0226-02, ME2).

The checkbox is ticked by default, whenever the value (Fund, WBS or GL) belongs to the list of SAP Custom Filters selected by the user.

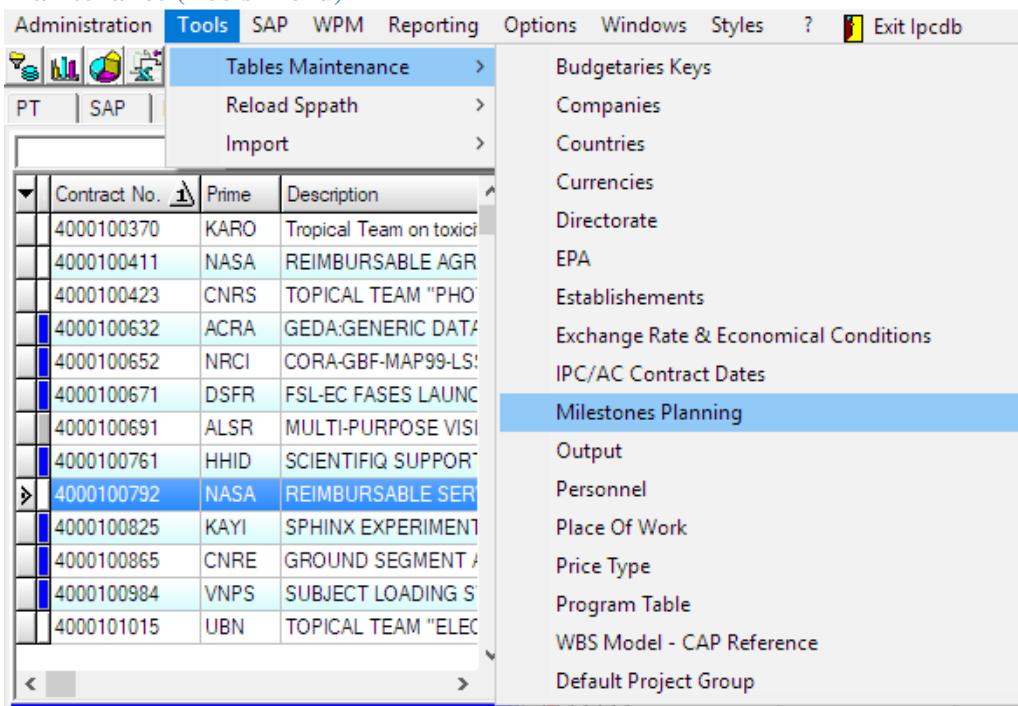
## Define Set Rules for Milestones Planning & Apply Rules

### Activation of the option “Apply Milestones Rules”

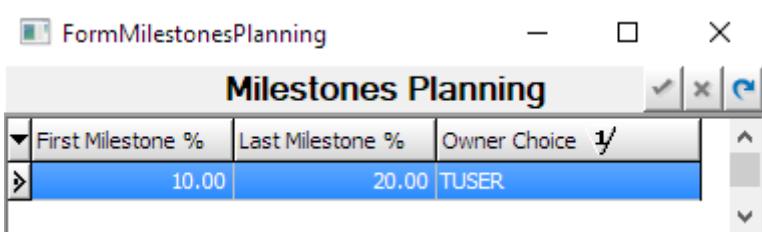


The screenshot shows two windows side-by-side. Both windows have tabs for 'Base Context', 'Tabs Options', and 'Others Options'. The 'Others Options' tab is selected in both. The first window has a title bar 'Activation of the option “Apply Milestones Rules”'. It contains a table with four columns: Name, Value, Default Value, and Description. The rows are: 'Affichage Tree Sap' (Value: Node+Desc, Default Value: Tree, Description: Choix d'affichage dans l'arbre SAP), 'Apply Milestones Rule' (Value: true, Default Value: False, Description: Apply % defined by the user to the first and last milestone), and 'Bfile(True) or Blob(False)' (Value: true, Default Value: true, Description: Save attached files into Server (BFile) or Database (Blob)). The second window has a title bar 'Options Générales'. It also contains a table with the same three rows and descriptions.

Users can define the percentages to be applied to the first and last milestone via the Tables Maintenance (Tools Menu)

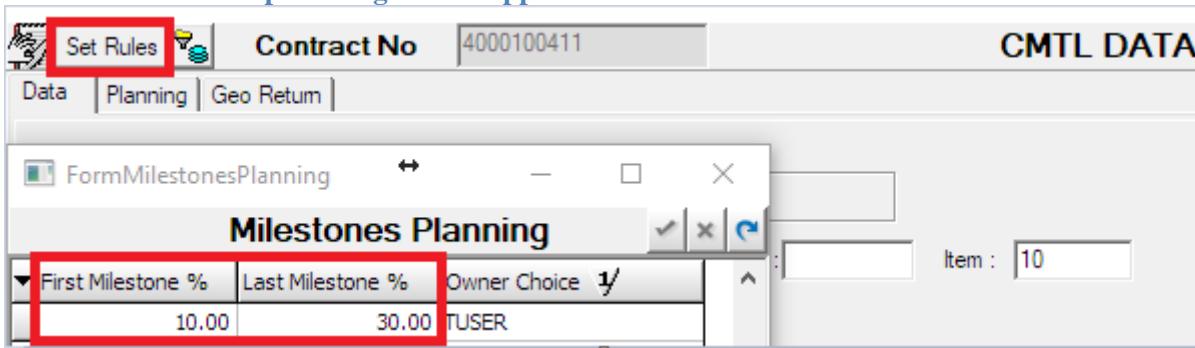


The screenshot shows the 'Tools' menu open. Under 'Tables Maintenance', 'Milestones Planning' is highlighted. Other options in the list include Budgetaries Keys, Companies, Countries, Currencies, Directorate, EPA, Establishements, Exchange Rate & Economical Conditions, IPC/AC Contract Dates, Output, Personnel, Place Of Work, Price Type, Program Table, WBS Model - CAP Reference, and Default Project Group.

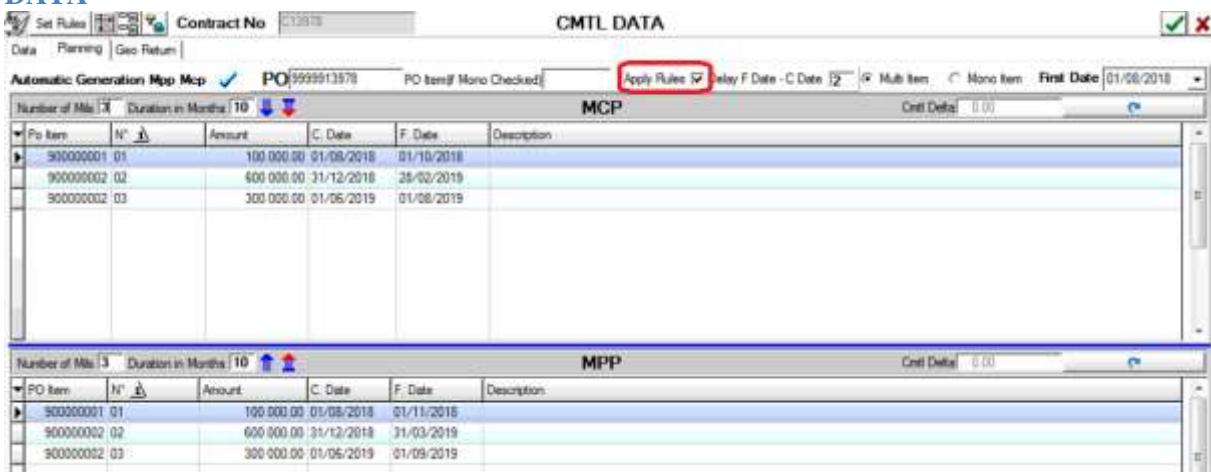


The screenshot shows a dialog box titled 'Milestones Planning'. It has three input fields: 'First Milestone %' (10.00), 'Last Milestone %' (20.00), and 'Owner Choice' (TUSER). There are also standard window controls like minimize, maximize, and close.

Users can define the percentages to be applied to the first and last milestone in CMTL DATA

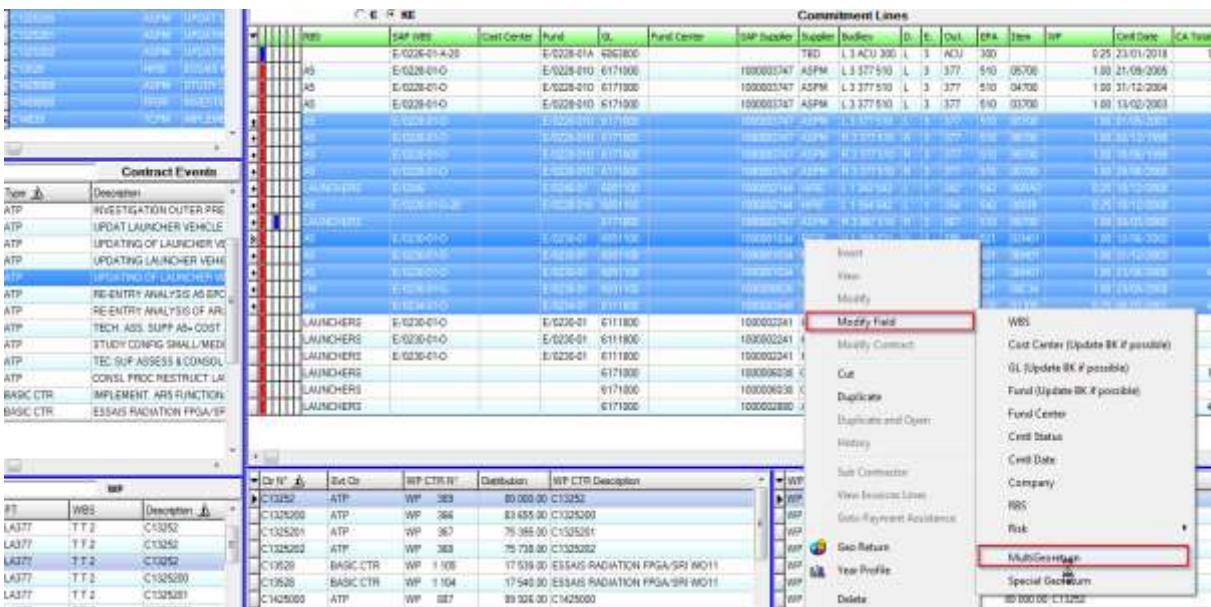


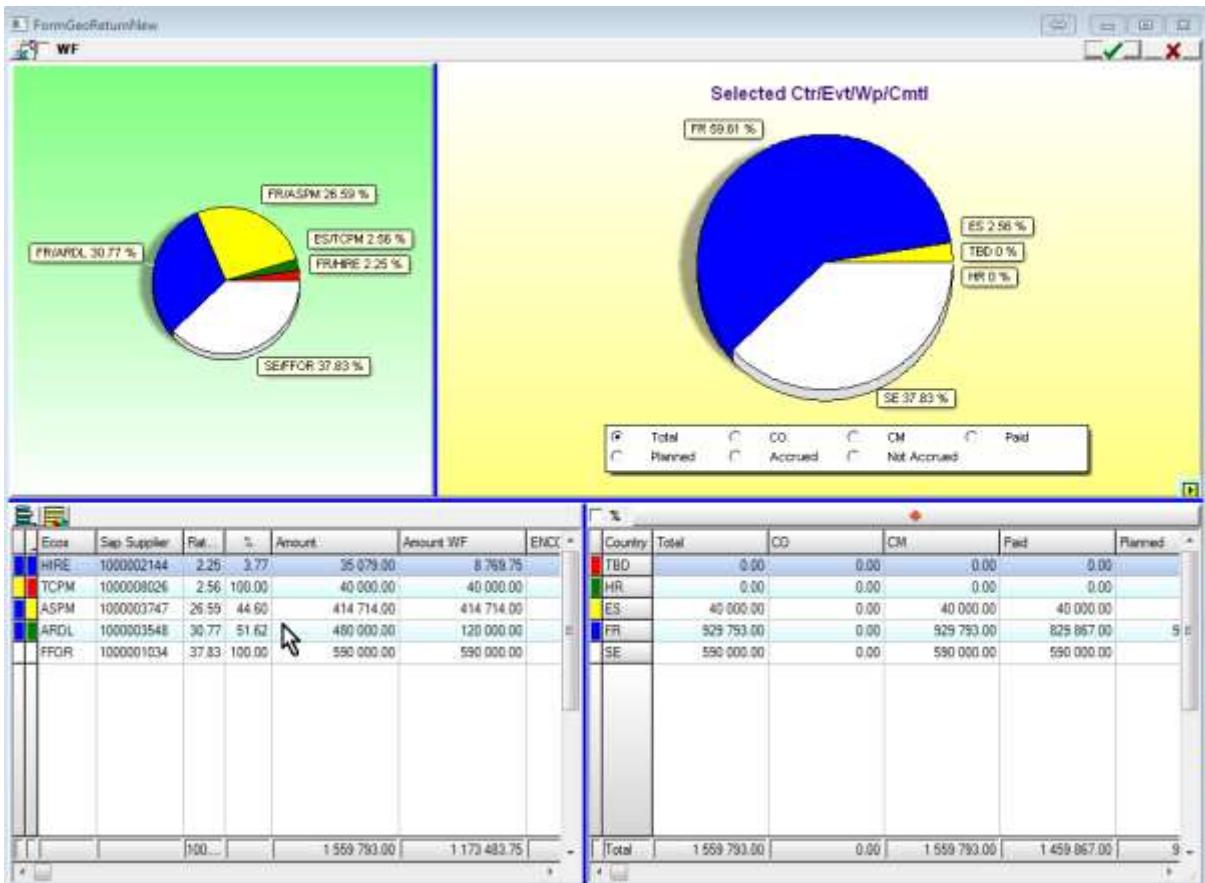
"Apply Rules" is ticked using the Automatic creation of the Planning Mpp Mcp in CMTL DATA



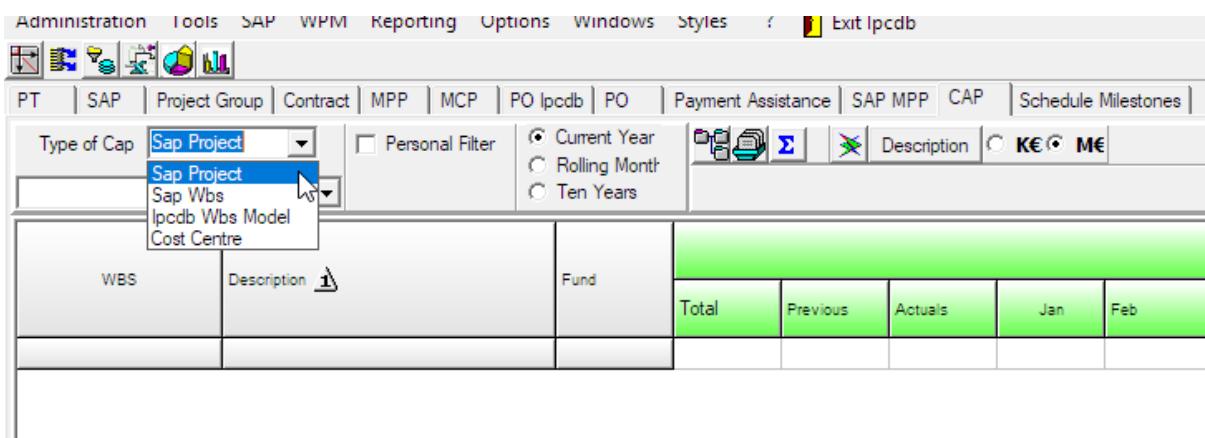
Note: In the case of a 2 milestones MPP and if the sum of both percentage is <100%, only the percentage of the first milestone will be applied by default.

Modify the Georeturn for a selection of Commitment Lines





## Implementation of new Type of Cap



The addition of new Types of Cap within the drop-down menu, such as the cap view by Sap Project, is shortening the loading time within the CAP Tab.



## What's New 6.1.4 Release, December 2019

The screenshot shows a software application window titled "Administration Tools SAP WPM Reporting Options Windows Styles ? Exit Ipcdb". The menu bar includes "Administration", "Tools", "SAP", "WPM", "Reporting", "Options", "Windows", "Styles", "?", and "Exit Ipcdb". Below the menu is a toolbar with various icons. A sub-menu "Type of Cap" is open, showing options like "Sap Project", "Personal Filter", "Current Year", "Rolling Month", and "Ten Years". To the right of the filter are buttons for "Description", "K€", and "M€". The main area displays a list of project codes and descriptions, such as E/0100-01 Columbus module and gro, E/0101-01 ISS Infrastructure Sustaine, etc. To the right is a financial summary table with columns for Fund, Total, Previous, Actuals, Jan, and Feb.

**WO numbers can be now composed of 3 characters in the Contract Event Data window and the Contract Events Field**

The screenshot shows a window titled "Contract Event Data" with a "Contract No" field containing "C1722000". The window has a header with a checkmark and an X button. It contains several input fields: "Type" (set to "WO"), "Event No." (containing "123" and highlighted with a red box), "Shopping Cart nr." (containing "100000"), "Description" (with dropdown options "CCN", "RIDER", "WO", and "ATP" where "WO" is selected), and "Initiator", "Signature Date", "Begin Date", and "End Date" fields. The "Event No." field is specifically highlighted with a red box.



## What's New 6.1.4 Release, December 2019

The screenshot shows the JPSI software interface with three main modules:

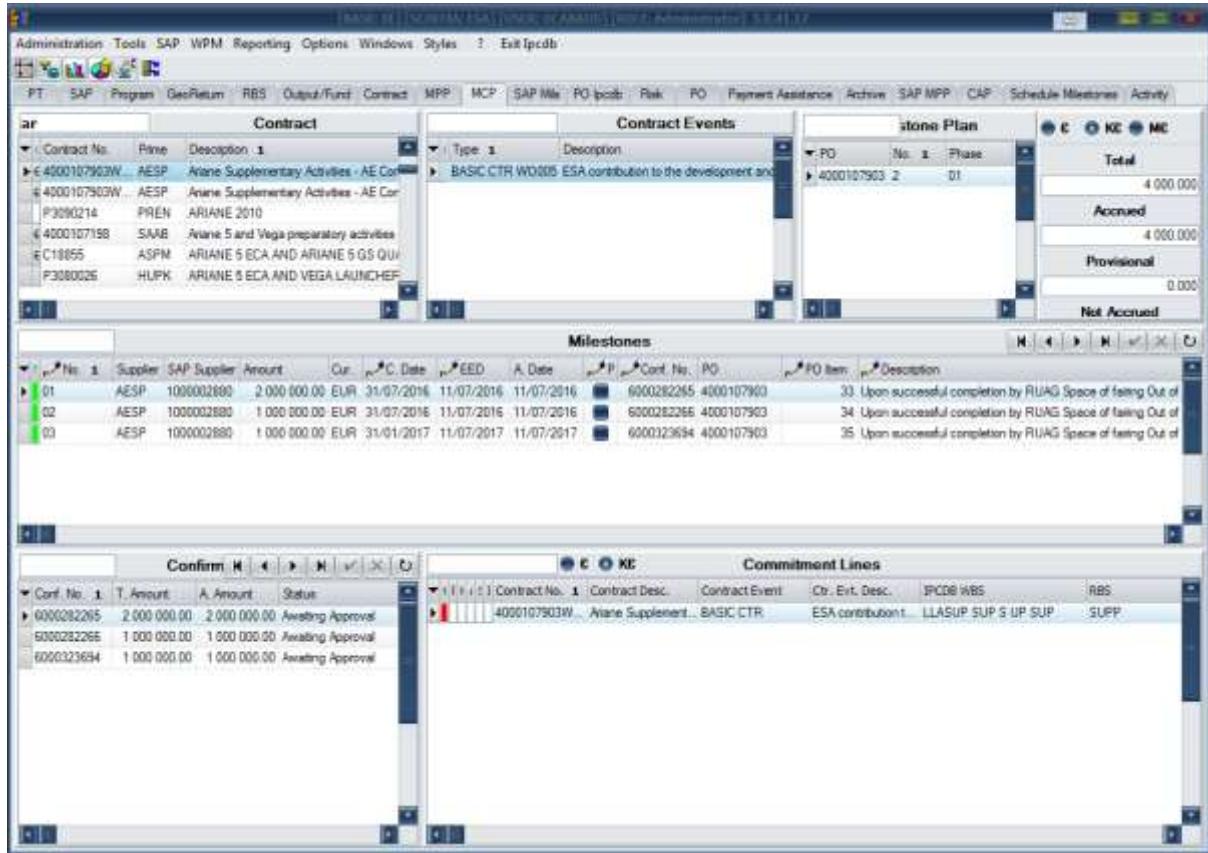
- Contract:** A table listing contracts with columns for Contract No., Prime, and Description. One row, "C1722000", is highlighted.
- Contract Events:** A table listing events with columns for Type and Description. One row, "WO 123", is highlighted.
- WP:** A table listing work packages with columns for PT, WBS, and Description.

A vertical sidebar on the right displays cumulative totals for Total, Planned, Actual, and Provisional values.

### Default value for the Schedule Milestone delay unit in Month(s)

The screenshot shows the "Link to Schedule Milestone" dialog box. At the bottom, there is a section labeled "Days-Months" with a "Delay" input field set to 0 and a radio button group for "Day(s)" and "Month(s)". The "Month(s)" option is selected and highlighted with a red box.

## Implementation of the Cost version of IPCDB for Launcher



## Modify the Field Cmt Date for one or a selection of Commitment Lines CO



## What's New 6.1.4 Release, December 2019

| Contract |             |              | Commitment   |                     | Cost   |                                     | Payment       |                                     | Risk                           |  |
|----------|-------------|--------------|--|---------------------|--|-------------------------------------|---------------|-------------------------------------|--------------------------------|--|
|          |             |              | Total  | 360.000             | 360.000                                      | 360.000                             | 360.000       | <input checked="" type="radio"/> KC | <input type="radio"/> Standard |  |
|          |             |              | Planned  | 360.000             | 360.000                                      | 360.000                             | 360.000       | <input checked="" type="radio"/> MC | <input type="radio"/> Included |  |
|          |             |              | Actual   | 0.000               | 0.000  | 0.000                               | 0.000         | <input type="checkbox"/> WF         | <input type="radio"/> Only     |  |
|          |             |              | Provisional  |                     | 0.000  |                                     |               |                                     |                                |  |
|          |             |              | <input checked="" type="radio"/> C <input checked="" type="radio"/> KC |                     | Commitment Lines                             |                                     |               |                                     |                                |  |
| Type     | Description | Contract No. | Contract Desc.   | Contract Event      | Ctrl. Evt. Desc.                             | IPCD5 WBS                           | Project Gr... |                                     |                                |  |
| PT       | WBS         | C21031       | PARABOLIC FLIG...  | Insert              |  | ME5B5 UPLP P 01 PARAB...            |               |                                     |                                |  |
| MB       | TBD Z 3     | C21031       | PARABOLIC FLIG...  | View                |  | ME5B5 UPLP Z 3 EDUCATION...         |               |                                     |                                |  |
| MEBC3    | UPLP Z 02   | C21031       | PARABOLIC FLIG...  | Modify              |  | ME6C3 UPLP Z 02 PARABO...           |               |                                     |                                |  |
| MEBC3    | UPLP Z 02   | C21031       | PARABOLIC FLIG...  | Modify Field        |  | ME6C3 UPLP Z 02 PARABO...           |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  | Modify Contract     |  | WBS                                 |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  | Cut                 |  | Cost Center (Update BK if possible) |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  | Duplicate           |  | GL (Update BK if possible)          |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  | Duplicate and Open  |  | Fund (Update BK if possible)        |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  | History             |  | Fund Center                         |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  | Sub Contractor      |  | Cmtr Status                         |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  | View Invoices Lines |  | Cmtr Date                           |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  |                     |  | Company                             |               |                                     |                                |  |
|          |             | C21031       | PARABOLIC FLIG...  |                     |  | Project Group                       |               |                                     |                                |  |
|          |             |              | C21031 PARABOLIC FLIG... BASIC CTR                                     |                     | PARABOLIC FLIG... ME5B5 UPLP P 01 PARABO...  |                                     |               |                                     |                                |  |
|          |             |              | C21031 PARABOLIC FLIG... BASIC CTR                                     |                     | PARABOLIC FLIG... ME5B5 UPLP P 01 PARABO...  |                                     |               |                                     |                                |  |
|          |             |              | C21031 PARABOLIC FLIG... CCN 012                                       |                     | PARABOLIC FLIG... ME5C3 UPLP Z 02 PARABO...  |                                     |               |                                     |                                |  |
|          |             |              | C21031 PA Cmtr Date  |                     | PARABOLIC FLIG... ME5C3 UPLP Z 02 PARABO...  |                                     |               |                                     |                                |  |
|          |             |              | C21031 PA Only for Cmtr in CO status.                                  |                     | PARABOLIC FLIG... ME7C32 UPLP Z 01 PARABO... |                                     |               |                                     |                                |  |
|          |             |              | C21031 PA The milestones foreseen dates associated will be affected    |                     | PARABOLIC FLIG... ME7C32 UPLP Z 01 PARABO... |                                     |               |                                     |                                |  |
|          |             |              | C21031 PA 06/02/2018   |                     | PARABOLIC FLIG... ME7C32 UPLP Z 01 PARABO... |                                     |               |                                     |                                |  |
|          |             |              | C21031 PA  |                     | PARABOLIC FLIG... ME7C32 UPLP Z 01 PARABO... |                                     |               |                                     |                                |  |
|          |             |              | C21031 PARABOLIC FLIG... CCN 15 - CONTIN...                            |                     | PARABOLIC FLIG... ME7C32 UPLP Z 01 PARABO... |                                     |               |                                     |                                |  |

The milestones foreseen dates will be modified accordingly.

In MCP Tab, Foreseen Date (F. Date) has been renamed as EED (LAU)

| Contract     |       |  | Contract Events |   |  |
|--------------|-------|--|-----------------|---|--|
| Contract No. | Prime | Description  | Type            | Description   |  |
| 130001005407 | TBD   | Support for launcher review                          | BASIC CTR       | Priorisation moyen A5 PB - ass p ref PO4000100304                 |  |
| 4000100304   | Z0DM  | MCD PB1-Z001AC                                       | CCN 001         | Adaptation of the Milestone Payment Plan to the newly agreed sche |  |
| 4000100305   | ALSR  | FLPP2.1 - THERMAL PROTECTION SYSTEM (TPS)            |                 |   |  |
| 4000100543   | CRIS  | MCD PB1-CRISA-Priorisation bancs A5 ES Unit Tester   |                 |   |  |
| 4000100545   | ETCA  | MCD PB1-ETCA   |                 |   |  |
| 4000100651   | CASA  | FLPP PERIOD-2 STEP 1 - ACTIVITIES RELATED TO MATERIA |                 |   |  |
| 4000100721   | MANA  | FLPP PERIOD-2 STEP 1 - ACTIVITIES RELATED TO MATERIA |                 |   |  |



## Automation postponement of milestone EED and Foreseen payment date (LAU)

IF a milestone is not accrued and IF the EED is equal the current calendar (i.e. today), then the EED will be postponed by +30 days.

IF EED is postponed by 30 days as a result of the above automation, then the foreseen payment date will be postponed accordingly, only IF there is no GRN accrued or awaiting to be accrued, otherwise no change will be applied on the F. payment date.

## Fixed Bugs from the 5.0.41 Version

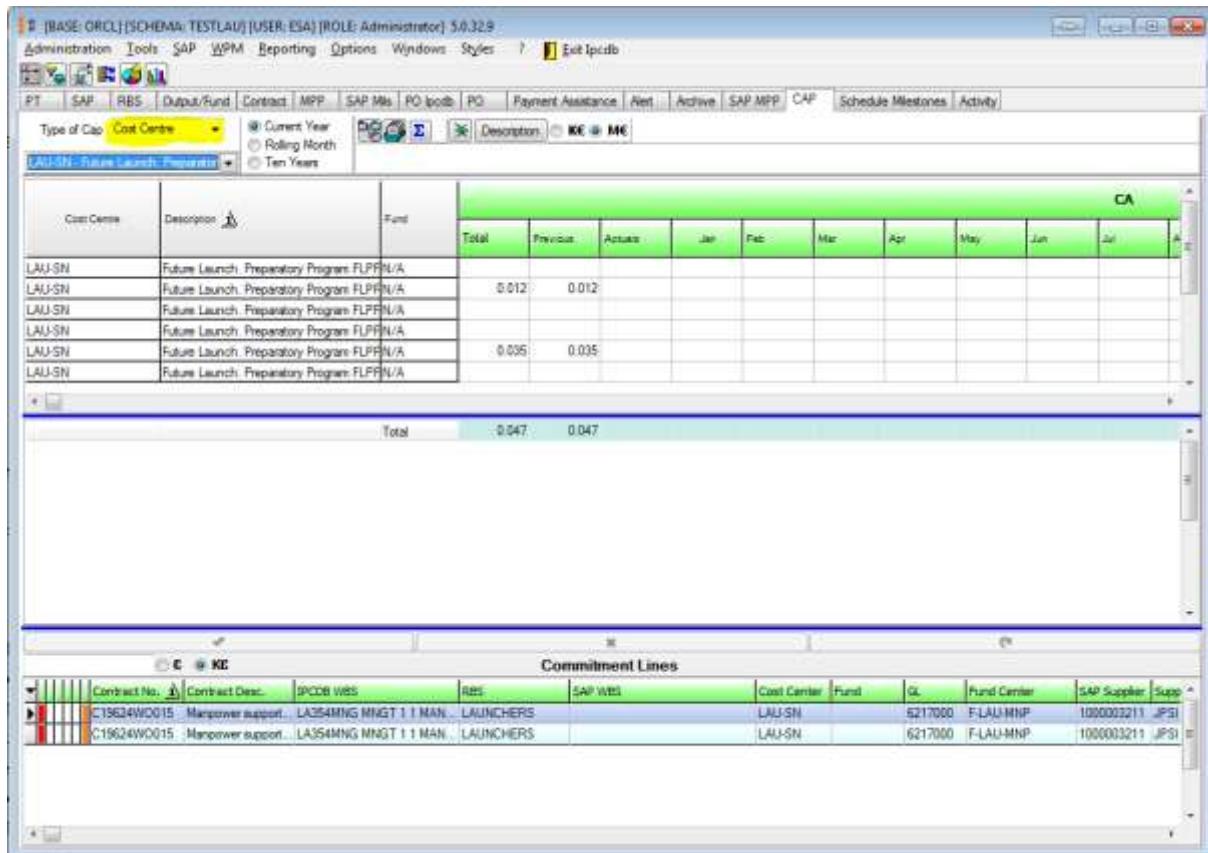
| No Mantis               | Tab                       | Description   |
|-------------------------|---------------------------|---|
|                         |                           |   |
| <a href="#">0001111</a> | Workforce Planning Module | Recharges from Fund E/0422-04E and E/0422-04C to rebook on E/0422-06  |
| <a href="#">0001109</a> | Commitment line screen    | Dans CMTL DATA, L'ouverture de la fenetre "Filter for Cmtl Screen" via icone du filtre engendre la perte de SAP WBS/Fund/GL |
| <a href="#">0001112</a> | General IPCDB             | Add options and default value for the Schedule Milestones delay unit  |
| <a href="#">0001106</a> | General IPCDB             | Options Generales - Others Options : Changer la description par défaut de l'entrée "Apply Milestones Rules"                 |
| <a href="#">0001107</a> | Commitment line screen    | "SAP Custom Filter" Fields in CMTL DATA, to be renamed from "Personal" to "Custom" Filter                                   |
| <a href="#">0001049</a> | General IPCDB             | Not enough character for WO number (in contract event field)  |
| <a href="#">0001050</a> | tab CAP                   | CAP View freeze   |
| <a href="#">0001051</a> | Commitment line screen    | Payment Milestones "fantomes" qui empêche de valider une CMTL   |
| <a href="#">0001052</a> | Georeturn                 | no "special georeturn" button available when modifying GR of several CMTL   |
| <a href="#">0001055</a> | tab Payment Assistance    | Cannot View or Modify Payment in the Payment assistance tab   |
| <a href="#">0001057</a> | GRNs Incorporation        | Integration of GRNs not possible - (GSP version)  |
| <a href="#">0001045</a> | tab Contract              | Finaliser Ecran GSP en insertion  |
| <a href="#">0001103</a> | General IPCDB             | 0 si MS not accrued et EED = today; alors EED +30 jours   |
| <a href="#">0001102</a> | tab Contract              | 0 - Modify field Cmtl date  |
| <a href="#">0001089</a> | General IPCDB             | 05- ERROR message WPM   |
| <a href="#">0001087</a> | tab Contract              | 000- CMTL date ne se décale plus automatiquement  |
| <a href="#">0001080</a> | tab MCP                   | 000- BUG? Est-ce que les GR et INV sont vraiment chargées automatiquement? (nouveau MCP au LAU)                             |
| <a href="#">0001085</a> | General IPCDB             | Film Demo de Presentation de IPCDB not accessible   |
| <a href="#">0001065</a> | tab MCP                   | 01- Mettre EED a la place de F date dans MCP milestone  |

| No Mantis               | Tab              | Description   |
|-------------------------|------------------|---|
| <a href="#">0001061</a> | tab MCP          | 00-ERROR Multiselection a réactiver   |
| <a href="#">0001081</a> | tab MCP          | 001-si EED décale de 30 jours alors F.P. date decale aussi si no GR sinon rien faire                        |
| <a href="#">0001059</a> | tab Contract     | 01- "Apply rules" by default  |
| <a href="#">0001070</a> | tab MCP          | 00- ERROR message bloquant quand on veut faire une CCN a cout 0   |
| <a href="#">0001077</a> | Business Objects | 00- ERROR BO charts (konstantin) ne montre pas de   |
| <a href="#">0000926</a> | General IPCDB    | 11_Incoherence year profile   |
| <a href="#">0000924</a> | General IPCDB    | 04_Schedule Milestones to LAU   |
| <a href="#">0001028</a> | Business Objects | 01-Rapport BO Charts LAU RBS 00 23  |
| <a href="#">0001060</a> | tab MCP          | normalement quand il y a un filtre, alors le symbole "filtre en haut à gauche est en rouge... à réactiver ! |
| <a href="#">0000995</a> | General IPCDB    | TAB IPCDB clean up  |
| <a href="#">0000727</a> | General IPCDB    | Tri, dimensions   |
| <a href="#">0000451</a> | General IPCDB    | User Interface Personalisation  |
| <a href="#">0000103</a> | Work Request     | Un MS peut-il être lié à une CMTL CO et a une CMTL CM?  |
| <a href="#">0001031</a> | General IPCDB    | 01-Baseline IPCDB   |
| <a href="#">0001041</a> | tab CAP          | 07-CAP by Fund  |
| <a href="#">0001033</a> | General IPCDB    | 01-NOC export, mettre le Prime de l EVT CTR a la place du prime du CTR                                      |
| <a href="#">0001029</a> | Work Request     | 01-Create MPP report by activity  |
| <a href="#">0001011</a> | tab PO           | 01_TAB PO à finir   |
| <a href="#">0000879</a> | General IPCDB    | PIP tool effacer toutes les lignes de code inutile car PIP non utilisé                                      |
| <a href="#">0000869</a> | tab Contract     | 03_Filter funds filter WBS : Présélection Funds et WBS qui ne marche pas sur les nouveaux funds             |
| <a href="#">0000536</a> | tab Output       | 03_Onglet Fund exactement pareil que l'onglet output mais basé sur les Funds                                |
| <a href="#">0000462</a> | tab PO           | 05_Tab PO le filtre n'est pas actif   |
| <a href="#">0001040</a> | Work Request     | 01 --Report SQL Excel Eros Georeturn Forecast Details, les filtres ne fonctionnent pas                      |

| No Mantis               | Tab              | Description   |
|-------------------------|------------------|---|
| <a href="#">0001039</a> | Work Request     | 01-- Report SQL Excel Contractualisation plan Corrected dupliquer ce rapport: et mettre les montants weighted en totaux et par pays et le nommer Contractualisation plan Weighted |
| <a href="#">0001037</a> | tab PO           | 01- PO description vide   |
| <a href="#">0001034</a> | General IPCDB    | 01- FR SC export rajouter une colonne et mettre le nom complet  |
| <a href="#">0001038</a> | Work Request     | 01 - Report SQL Excel Cost plan Ctr evt vittorio = dupliquer ce rapport: et rajouter 2 colonnes: WBS description après le WBS   |
| <a href="#">0001110</a> | tab Contract     | 0- ERROR multiselection CMTL date -12 moins = EED + 12 mois au lieu de - 12 mois!!!   |
| <a href="#">0001117</a> | tab Contract     | 03- tab CTR- > Evt CTR duplicate AND OPEN   |
| <a href="#">0001122</a> | Business Objects | 0001122: 04-BO report Contractualisation Plan STAT ne fonctionne plus   |
| <a href="#">0001120</a> | General IPCDB    | 0001120: 00- IPCDB 2018 baseline database   |
| <a href="#">0001084</a> | Work Request     | 10- Importer les infos du E/0287 P120C  |

## Revisions in version 5.0.32

### CAP View for Cost Centre



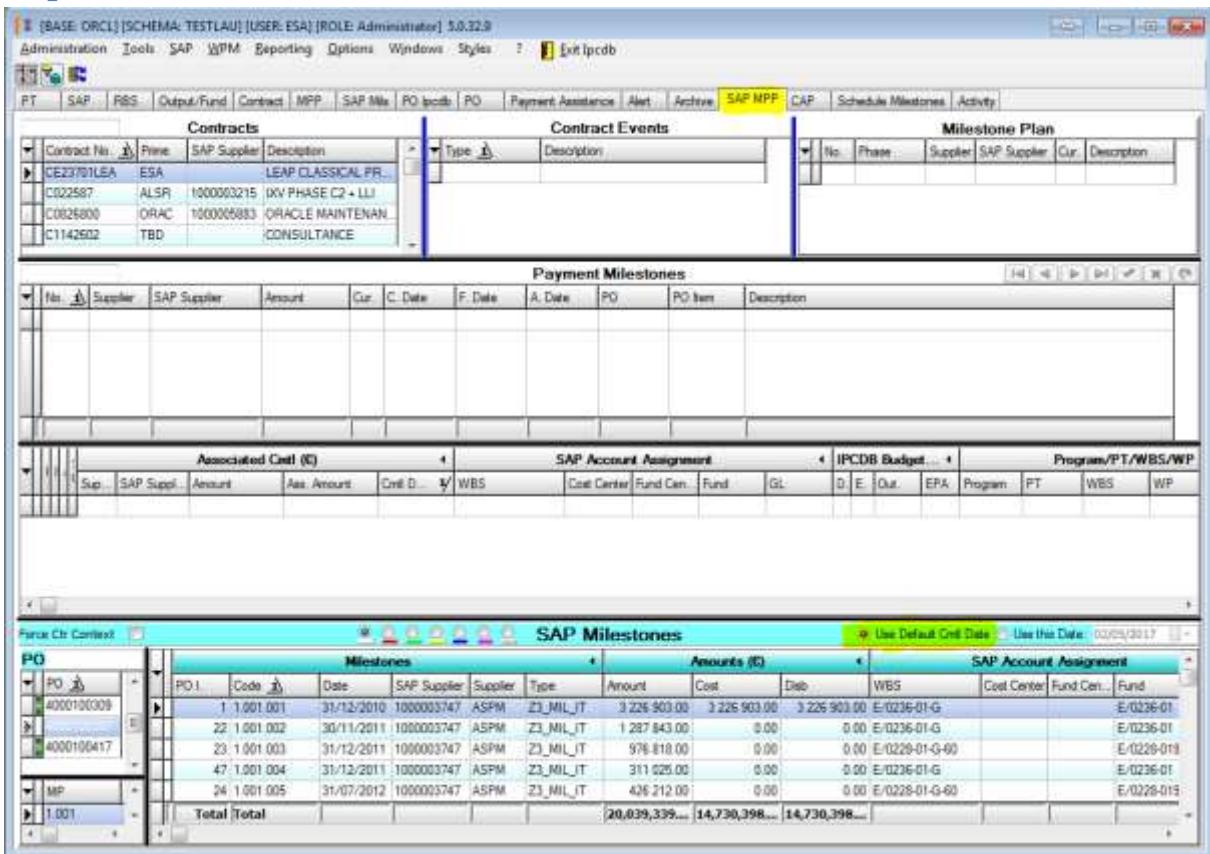
The screenshot shows a software interface titled "Administration Tools SAP WPM Reporting Options Windows Styles ? Exit Ipcdb". The menu bar includes "PT", "SAP", "RBS", "Output/Fund", "Contract MPP", "SAP WBS", "PO Icons", "PG", "Payment Assistance", "Alert", "Archive", "SAP MPP", "CAF", "Schedule Milestones", and "Activity". A toolbar below the menu contains icons for "New", "Open", "Save", "Print", "Exit", and others.

The main area displays a grid of data with columns: Cost Centre, Description, Fund, Total, Previous, Actuals, Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec. The rows show entries for "LAU-SN Future Launch Preparatory Program" with various values for each column.

At the bottom, there is a "Total" row showing values: 0.047, 0.047, and a "Commitment Lines" section containing two rows of data:

| Contract No. | Contract Desc.   | SPCDB WBS            | RBS       | SAP WBS | Cost Center | Fund    | GL        | Fund Carrier | SAP Supplier | Supp |
|--------------|------------------|----------------------|-----------|---------|-------------|---------|-----------|--------------|--------------|------|
| C19624W0015  | Manpower support | LA354MNG MNFT 11 MAN | LAUNCHERS |         | LAU-SN      | 6217000 | F-LAU-MNP | 1000003211   | JPSI         |      |
| C19624W0015  | Manpower support | LA354MNG MNFT 11 MAN | LAUNCHERS |         | LAU-SN      | 6217000 | F-LAU-MNP | 1000003211   | JPSI         |      |

## Import Contract Milestones from SAP with Default Cmtl Date



The screenshot shows the SAP IPCDB interface with several tabs at the top: Administration, Tools, SAP, WFM, Reporting, Options, Windows, Styles, and SAP MPP. The SAP MPP tab is selected. Below the tabs, there are three main sections:

- Contracts:** A table showing contract details like Contract No., Prime, SAP Supplier, Description, Type, and Description.
- Contract Events:** A table showing events associated with contracts.
- Milestone Plan:** A table for defining milestones.

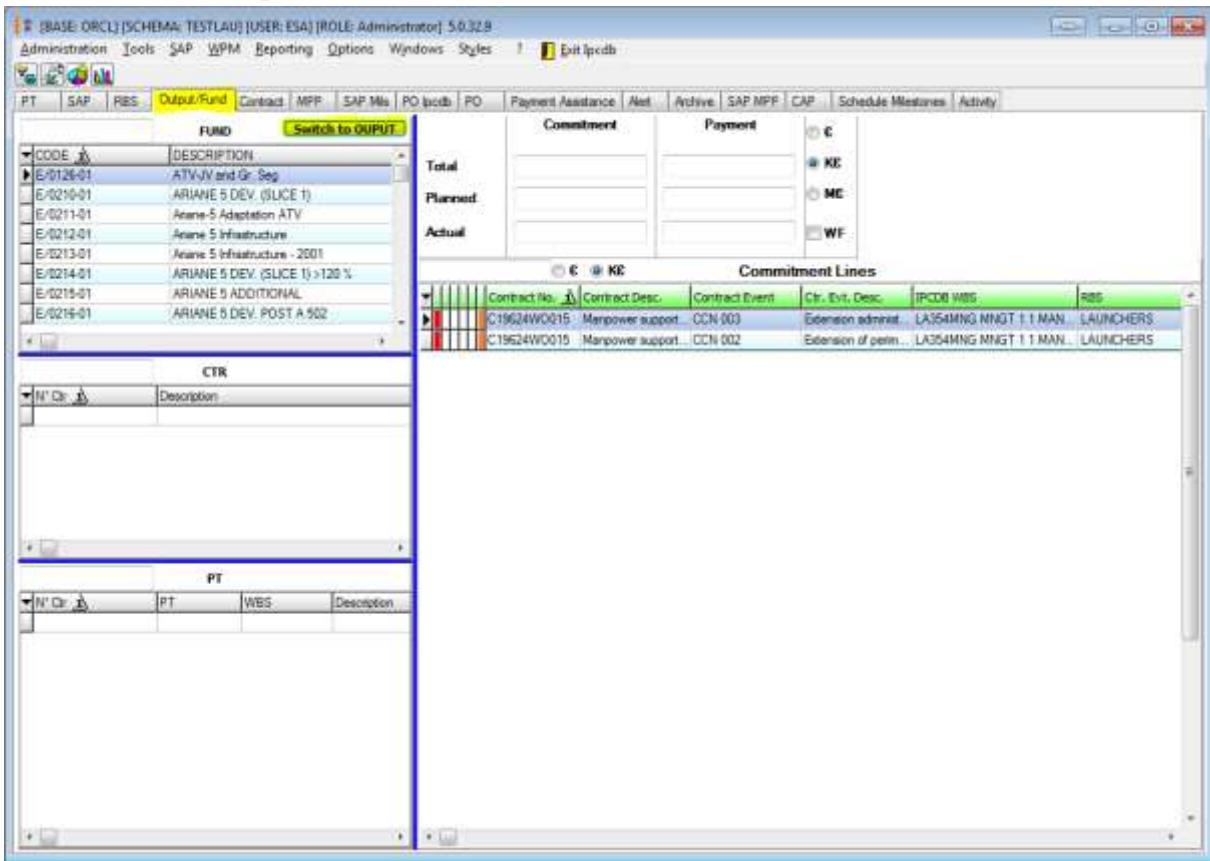
Below these sections is a large table for **Payment Milestones**, which includes columns for No., Supplier, SAP Supplier, Amount, Cur, C. Date, F. Date, A. Date, PO, PO Item, and Description.

At the bottom of the screen is a **SAP Milestones** grid. It has columns for PO, PO.1, Code, Date, SAP Supplier, Supplier, Type, Amount, Cost, Deb, WBS, Cost Center, Fund Cen., Fund, and GL. The grid displays several rows of milestone data, such as:

| PO         | PO.1         | Code       | Date       | SAP Supplier | Supplier  | Type          | Amount        | Cost          | Deb            | WBS | Cost Center | Fund Cen. | Fund      |
|------------|--------------|------------|------------|--------------|-----------|---------------|---------------|---------------|----------------|-----|-------------|-----------|-----------|
| 4000100309 | 1.1.001.001  | 31/12/2010 | 1000003747 | ASPM         | Z3_MIL_IT | 3 226 903.00  | 3 226 903.00  | 0.00          | E-0236-01-G    |     |             |           | E/0236-01 |
| 4000100417 | 22.1.001.002 | 30/11/2011 | 1000003747 | ASPM         | Z3_MIL_IT | 1 287 843.00  | 0.00          | 0.00          | E/0236-01-G    |     |             |           | E/0236-01 |
|            | 23.1.001.003 | 31/12/2011 | 1000003747 | ASPM         | Z3_MIL_IT | 976 810.00    | 0.00          | 0.00          | E/0228-01-G-60 |     |             |           | E/0228-01 |
|            | 47.1.001.004 | 31/12/2011 | 1000003747 | ASPM         | Z3_MIL_IT | 311 025.00    | 0.00          | 0.00          | E/0236-01-G    |     |             |           | E/0236-01 |
|            | 24.1.001.005 | 31/07/2012 | 1000003747 | ASPM         | Z3_MIL_IT | 426 212.00    | 0.00          | 0.00          | E/0228-01-G-60 |     |             |           | E/0228-01 |
|            | Total        |            |            |              |           | 20,039,339... | 14,730,398... | 14,730,398... |                |     |             |           |           |

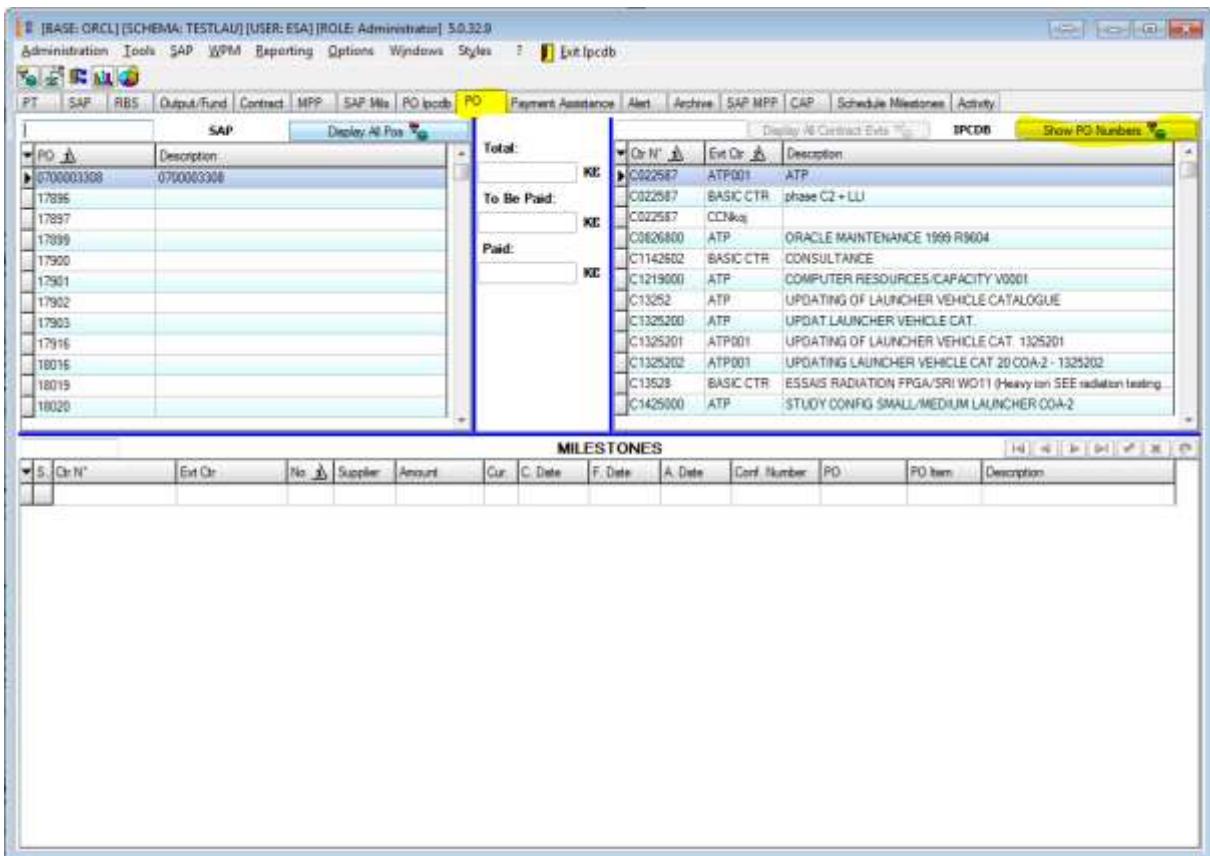
Import with Date of the first Milestone-1day

## Add Fund in Output Tab



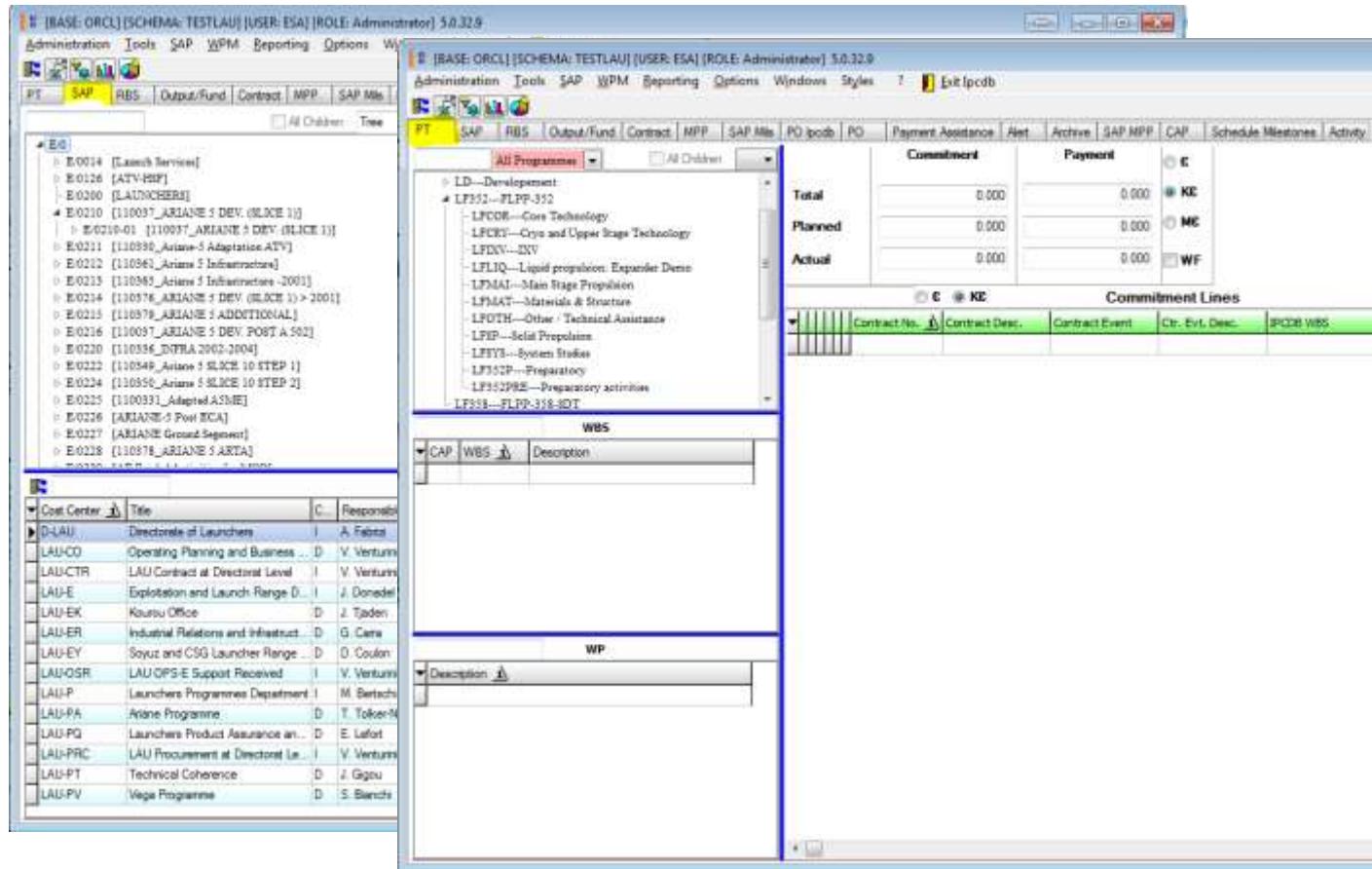
| Contract No. | Contract Desc.   | Contract Event | Chr. Inv. Desc.      | IPCDB WBS               | RBS       |
|--------------|------------------|----------------|----------------------|-------------------------|-----------|
| C19624W0015  | Manpower support | CON 003        | Elevation adminit.   | LA354MNG MNGT 11 MAN... | LAUNCHERS |
| C19624W0015  | Manpower support | CON 002        | Elevation of perm... | LA354MNG MNGT 11 MAN... | LAUNCHERS |

## Finalization of Po Tab



| S. | Dr N° | Ext Dr | No. | Supplier | Amount | Cur. | C. Date | F. Date | A. Date | Conf. Number | PO | PO Item | Description |
|----|-------|--------|-----|----------|--------|------|---------|---------|---------|--------------|----|---------|-------------|
|    |       |        |     |          |        |      |         |         |         |              |    |         |             |

## Optimization of the Speed to display Commitment Lines in SAP and Product Tree Tab



## Fixed Bugs from the 5.0.32 Version

| No<br>Mantis            | Tab                    | Description  |
|-------------------------|------------------------|--|
| <a href="#">0000991</a> | Commitment line screen | Confusing ORA-01407 error message displayed to user                    |
| <a href="#">0001044</a> | Commitment line screen | Disable selection of the highest WBS level in IPCDB                    |
| <a href="#">0000847</a> | Commitment line screen | Work Request: Multi modification Georeturn                             |
| <a href="#">0000929</a> | tab Contract           | Sort people list alphabetically...                                     |
| <a href="#">0001020</a> | Invoices Incorporation | Uncheck "Force update Po and Po Item" by default                       |
| <a href="#">0000748</a> | tab PT                 | All Children par défaut - ne sélectionner pas All Children par default |
| <a href="#">0000913</a> | General IPCDB          | Move "Mantis" link to "?" Help submenu                                 |
| <a href="#">0000997</a> | tab Sap Mpp            | Retirer Conf. No des Payment Milestones                                |
| <a href="#">0000857</a> | Commitment line screen | description for multiple changes to cmtls                              |

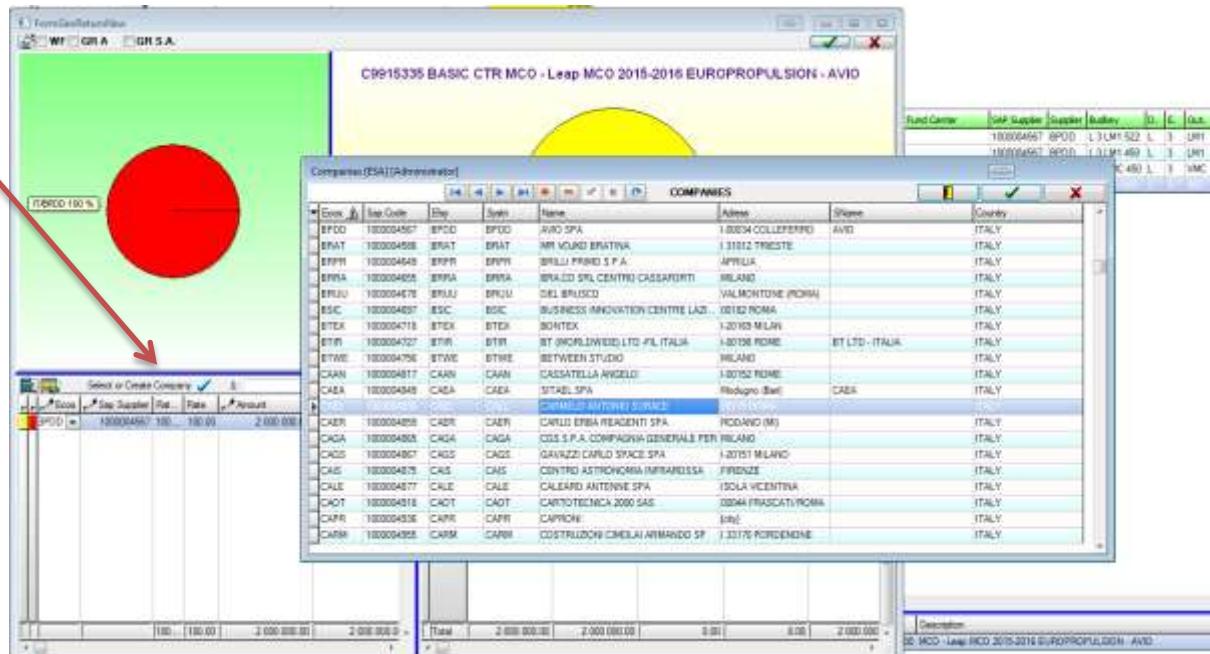
| No Mantis               | Tab                     | Description   |
|-------------------------|-------------------------|---|
| <a href="#">0001000</a> | Commitment line screen  | Cacher Panel3 de FrameGR en mode View                     |
| <a href="#">0000970</a> | tab Schedule Milestones | Add linked cost/payment milestones amounts (and currency) |
| <a href="#">0001032</a> | General IPCDB           | Message d'erreur de connexion                             |
| <a href="#">0000893</a> | Tables Maintenance      | Sort the currency dropdown alphabetically                 |
| <a href="#">0000782</a> | General IPCDB           | Missing link between GRN and milestones                   |
| <a href="#">0000676</a> | GRNs Incorporation      | Modification Querry GRN Bleus                             |

## Revisions in version 5.0.28

### Development of the Activity Tab for Launchers

| Contractors Home   |            |                 |                  |                  |            |                  |                     |                                 |                      |                                 |   |       |                  |
|--------------------|------------|-----------------|------------------|------------------|------------|------------------|---------------------|---------------------------------|----------------------|---------------------------------|---|-------|------------------|
| Project Controller |            | Co/Offr         |                  | Creation Date    |            | Fund Reservation |                     | Ref.                            |                      | Status                          |   | Title |                  |
| STATUS             | CONTROLLER | INITIAL SERVICE | SC CREATION DATE | FUND RESERVATION | NC         | FAV...PCT        | REF                 | IC                              | PCT STATUS           | PRIME                           | CONTRACT NUMBER   | TITLE | INDIRECT PAYMENT |
| CO                 | OCARAU     | HIRE MA         | 12/09/2018       | 0000000099       | SARO       | AVANT...SFR      | C00852W0062 CON 002 | M1227 Campaign Satellit Observe | No                   |                                 |   |       |                  |
| CO                 | HARTHAR    | LAI ENR         | 30/08/2018       | 000000024        | 0000000029 | 0000000073       | SARO                | AVANT...ASPF                    | 9000031703 BASIC CTR | Aliment, Traitements Activities | Yes   |       |                  |
| CO                 | MCARUD     | LAI ENR         |                  |                  |            |                  |                     |                                 | ASPF                 | C00852W0049 BASIC CTR           | Revereds and Upgrades MCO 2018                              | Yes   |                  |
| CO                 | OCARAU     | LAI ENR         |                  |                  |            |                  |                     |                                 | ASPF                 | C00852W0038 CON 001             | All part. 100% PFSB 8/10/2018 and 8/12 PFSB 8/10/2018 activ | No    |                  |
| CO                 | OCARAU     | LAI ENR         |                  |                  |            | 0000114804       |                     |                                 | ASPL                 | C00852W0011 CON 002             | Observances EAP Pending Influence (ECE)                     | No    |                  |
| CO                 | OCARAU     | LAI ENR         |                  |                  |            | 0000114800       |                     |                                 | ASPL                 | C00852W0018 CON 003             | Exploration part IPB 8/2 Maintenance activities (Rev. 03)   | No    |                  |
| CO                 | SHARTMAN   | LAI ENR         |                  |                  |            |                  |                     |                                 | ASPL                 | C0091528 BASIC CTR              | AE PFO 31/12/2018 2019-2019 Swap                            | No    |                  |
| CO                 | SHARTMAN   | A               | 30/08/20067      | 0000019H1        |            | SARO             |                     |                                 | TABH                 | C0091538 BASIC CTR              | MCO - Leap MCO 2018-2019 Technical Amts Part 3              | No    |                  |
| CO                 | SHARTMAN   | A               |                  |                  |            |                  |                     |                                 | TCRH                 | C0091531 BASIC CTR              | MCO - Leap MCO 2018-2019 Technical Amts Part 4              | No    |                  |
| CO                 | SHARTMAN   | A               |                  |                  |            |                  |                     |                                 | VOLV                 | C0091532 BASIC CTR              | MCO - Leap MCO 2018-2019 QIN Part 3                         | No    |                  |
| CO                 | SHARTMAN   | A               | 30/08/20048      | 0000018H8        | SARO       |                  |                     |                                 | BR00                 | C0091533 BASIC CTR              | MCO - Leap MCO 2018-2019 AVIO Part 5                        | No    |                  |
| CO                 | OCARAU     | TBD             |                  |                  |            |                  |                     |                                 | ASPR                 | C00852W0099 CON 001             | Upgrads of HPSI equipment (200F, 202)                       | No    |                  |
| CO                 | OCARAU     | LAI ENR         |                  | 000000099        |            | 000000004        |                     |                                 | ASPL                 | C00852W0121 CON 002             | Class Room Replacement                                      | No    |                  |
| CO                 | MCARUD     | LAI ENR         |                  |                  |            | 0000000440       |                     |                                 | ASPL                 | C00852W0044 CON 002             | Smartener CCS - Phase 1 (superior AUS), V-City ...          | Yes   |                  |
| CO                 | SHARTMAN   | TBD             |                  |                  |            | 0000000440       |                     |                                 | SP00                 | C0091540 BASIC CTR              | MCO - Leap MCO 2018-2019 AVIO Part 7                        | No    |                  |
| CO                 | MCARUD     | TBD             |                  |                  |            | 0000000897       |                     |                                 | ASPL                 | C00852W0008 CON 001             | Observances UTA UTA sur branche integrante (2018)           | No    |                  |
| CO                 | MCARUD     | LAI ENR         |                  |                  |            | 0000000476       |                     |                                 | VOLV                 | C00852W0048 CON 001             | Aeromeca Testing  | No    |                  |
| CO                 | MCARUD     | TBD             | 30/08/2011       |                  |            |                  |                     |                                 | ASPL                 | C00852W0000 BASIC CTR           | DIVINAGA - Port Water Treatment                             | No    |                  |
| CO                 | MCARUD     | TBD             |                  |                  |            |                  |                     |                                 | ASPL                 | C00852W0049 CON 001             | Renewal Outcome (old ANTA funding)                          | No    |                  |
| CO                 | SHARTMAN   | TBD             |                  |                  |            |                  |                     |                                 | ASPL                 | C00852W0108 CON 001             | QIA Firing (ASL support)                                    | No    |                  |
| CO                 | MCARUD     | LAI ENR         |                  |                  |            | 0000000462       |                     |                                 | ASPL                 | C00852W0046 CON 009             | Recor-KC2235AH  | No    |                  |
| CO                 | HARTHAR    | LAI ENR         |                  |                  |            | 0000000431       |                     |                                 | ASPL                 | C00852W0070 CON 007             | Zelios  | No    |                  |
| CO                 | SHARTMAN   | TBD             |                  |                  |            |                  |                     |                                 | ASPL                 | C00852W0008 BASIC CTR           | MCO - LEAP - 28/05/2018 ASL Version (ASL SAS Part 2)        | No    |                  |
| CO                 | MCARUD     | LAI ENR         |                  |                  |            | 0000000170       |                     |                                 | ASPL                 | C00852W0048 CON 011             | CCN Climate   | No    |                  |
| CO                 | MCARUD     | LAI ENR         |                  |                  |            | 0000000166       |                     |                                 | ASPL                 | C00852W0025 CON 012             | Complement sur JDU-CPN Conversion et sur tout               | No    |                  |
| CO                 | MCARUD     | LAI ENR         | 15/06/2018       | 0000002788       | 0000000280 | SARO             | AVANT...ASPL        |                                 | ASPL                 | C00852W0027 CON 006             | SEA Maintenance and Exploration for 2019 - Decem...         | No    |                  |

### Select company in the georeturn screen



| Line Code | SAI  | Name | Address                                 | Phone                 | Country         |
|-----------|------|------|---|-----------------------|-----------------|
| EFDD      | EFDD | EFDD | AVIO SPA                                | 1-00034 COLLEFERRO    | AVIO            |
| ENAT      | ENAT | ENAT | IMP VOLKU ENATRA                        | 1-31012 TRIESTE       | ITALY           |
| EPPI      | EPPI | EPPI | BRILLI PRIMO S.P.A.                     | APPLIA                | ITALY           |
| ERRA      | ERRA | ERRA | ERRA SRL CENTRO CASSAPORTI              | IRLAND                | ITALY           |
| ERIU      | ERIU | ERIU | DEL BRUSCO                              | VALMONTONE (ROMA)     | ITALY           |
| ESIC      | ESIC | ESIC | BUSINESS INNOVATION CENTRE LAZ...       | 00162 ROMA            | ITALY           |
| ETEK      | ETEK | ETEK | BONTEX                                  | 1-20193 MILAN         | ITALY           |
| ETIR      | ETIR | ETIR | BT WORLDWIDE LTD - ITALIA               | 1-00198 ROME          | BT LTD - ITALIA |
| ETWE      | ETWE | ETWE | BETWEEN STUDIO                          | IRLAND                | ITALY           |
| CARR      | CARR | CARR | CASSATELLA ANGELO                       | 1-00152 ROME          | ITALY           |
| CASA      | CASA | CASA | SITTEL SPA                              | Rodengo (BS)          | CASA            |
| CARL      | CARL | CARL | CARLO ERBA REAGENTI SPA                 | RICCIANO (MI)         | ITALY           |
| CADA      | CADA | CADA | CIS S.P.A. COMPAGNA GENERALE PER IRLAND |                       | ITALY           |
| CADS      | CADS | CADS | GAVAZZI CARLO STACE SPA                 | 1-20151 MILANO        | ITALY           |
| CAIS      | CAIS | CAIS | CENTRO ASTRONOMIA IMPARADISSA           | FIRENZE               | ITALY           |
| CALE      | CALE | CALE | CALEARD ANTENNE SPA                     | ISOLA VICentina       | ITALY           |
| CAOT      | CAOT | CAOT | CARTOTECHNICA 2000 SAS                  | 00044 FRASCATI (ROMA) | ITALY           |
| CAPI      | CAPI | CAPI | CARDANI                                 | MI                    | ITALY           |
| CARM      | CARM | CARM | COSTRUZIONI CIMELAI ARMANDO SP          | 1-33176 PORDENONE     | ITALY           |



## What's New 6.1.4 Release, December 2019

### Modify Multi Georeturn

A screenshot of a software interface showing a list of contracts and a context menu for modifying them.

The main table shows contracts with columns: Contract No., Contract Desc., Contract Event, Ctr. Evt. Desc., IPCDB WBS, SAP WBS, Cost Center, Fund, GL, and Fund Ce. Many rows have a red vertical bar on the far left.

A context menu is open over a row, listing options: Insert, View, Modify, Modify Field, WBS, Cost Center (Update BK if possible), GL (Update BK if possible), Fund (Update BK if possible), Fund Center, Cmtl Status, Cmtl Date, Company, RBS, Risk, and MultiGeoreturn.

Below the main table is a smaller table for "Year Profile" with columns: Ctr N°, Evt Ctr, WP CTR N°, and Distribution. It lists entries like C20052W004 CCN 001, C20052W004 CCN 002, etc.

### Flag Internal/Industrial Costs added

A screenshot of a software interface showing a list of contracts and a context menu for modifying them.

The main table shows contracts with columns: Contract No., Contract Desc., Contract Event, Ctr. Evt. Desc., IPCDB WBS, SAP WBS, Cost Center, Fund, GL, and Fund Ce. Many rows have a red vertical bar on the far left.

A context menu is open over a row, listing options: Commitment Lines, Actual, 18.329, 18.329, WF, and Commitment Lines again.

Company window faster to launch

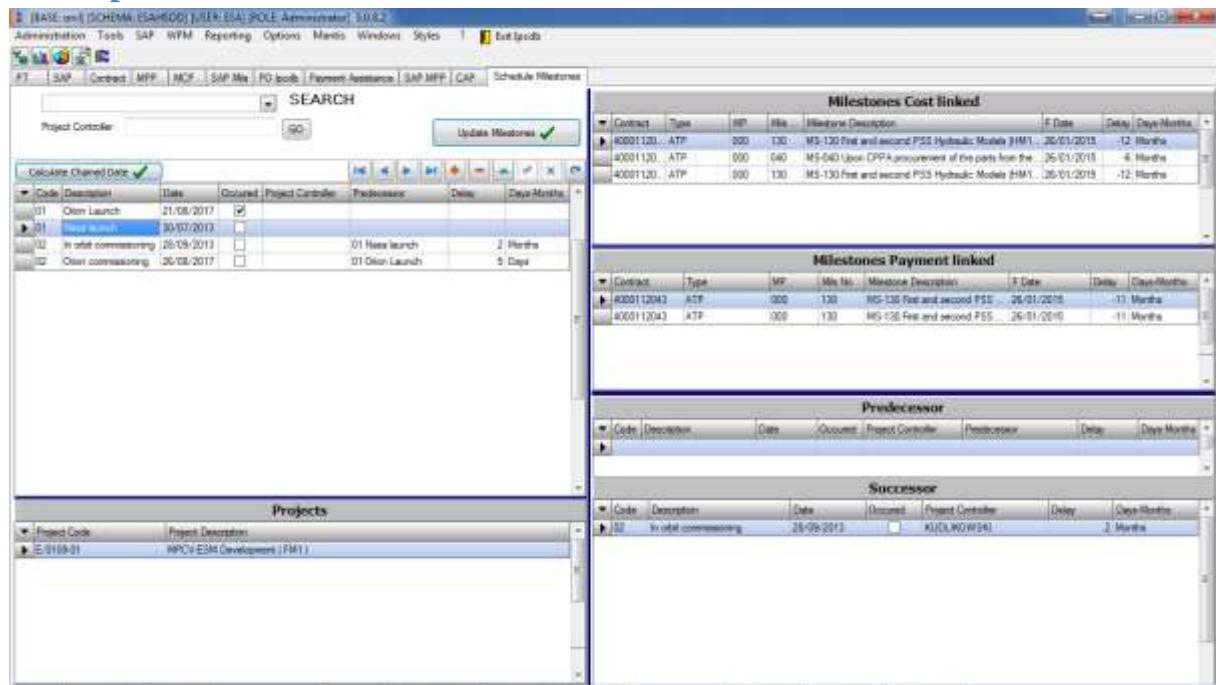
## Fixed Bugs from the 5.0.10 Version

| No Mantis | Tab                     | Description   |
|-----------|-------------------------|---|
| 676       | GRNs Incorporation      | Modification Querry GRN Bleus   |
| 967       | Oracle database         | Changement package IMPORTFINREF dans le schéma ESA  |
| 963       | tab CAP                 | Please display Year n+1 in CAP  |
| 916       | tab Contract            | Cmtl Risk Flag default color should be white like other flags   |
| 997       | tab Sap Mpp             | Retirer Conf. No des Payment Milestones   |
| 1004      | Tables Maintenance      | Company windows very slow   |
| 846       | Georeturn               | Wok Request: Ajouter un lien à la table companies dans le georeturn par companie                          |
| 897       | Georeturn               | When I change a GL account in a planned commitment line the weighting factor does not change accordingly. |
| 887       | Work Request            | Add "Industrial" flag to UnitFrameCmtl  |
| 280       | Work Request            | Fund selection in WPM   |
| 921       | Work Request            | Double-click to open History Line instead of Right-click > Modify   |
| 857       | Commitment line screen  | description for multiple changes to cmtls   |
| 1000      | Commitment line screen  | Cacher Panel3 de FrameGR en mode View   |
| 320       | General IPCDB           | Budkey to be included in the "Modify panel"   |
| 782       | General IPCDB           | Missing link between GRN and milestones   |
| 913       | General IPCDB           | Move "Mantis" link to "?" Help submenu  |
| 970       | tab Schedule Milestones | Add linked cost/payment milestones amounts (and currency)   |

## Revision in version 5.0.10

### Merge GSP-Lauchers-HSO versions

#### Development of the Schedule Milestones tab



The screenshot shows the JPSI WorkForce Planning Module interface. At the top, there is a menu bar with options like Administration, Tools, SAP, WFM, Reporting, Options, Mantis, Windows, Styles, and Exit. Below the menu, there are several tabs: SAP, Contract, MPP, MCP, SAP Mix, PO Tools, Payment Assistance, SAP MPP, CAP, and Schedule Milestones. The Schedule Milestones tab is active.

In the center-left, there is a search panel with a 'SEARCH' button and a 'Project Controller' dropdown. Below it is a table titled 'Calculate Chained Dates' with columns: Code, Description, Date, Delayed, Project Controller, Predecessor, Delay, Days Months. It contains three rows:

| Code | Description              | Date       | Delayed                             | Project Controller | Predecessor    | Delay | Days Months |
|------|--------------------------|------------|-------------------------------------|--------------------|----------------|-------|-------------|
| 01   | Item Launch              | 21/01/2013 | <input checked="" type="checkbox"/> |                    |                |       | 2 Months    |
| 02   | In initial commissioning | 28/01/2013 | <input type="checkbox"/>            |                    | 01 Item launch |       |             |
| 03   | Open commissioning       | 26/01/2013 | <input type="checkbox"/>            |                    | 01 Item Launch |       | 5 Days      |

To the right of the search panel are four linked tables:

- Milestones Cost linked:** Shows three entries for contract 40001120, type ATP, with milestones 130 and 540.
- Milestones Payment linked:** Shows two entries for contract 4000112043, type ATP, with milestones 130 and 135.
- Predecessor:** Shows one entry for item 02, which is preceded by item 01.
- Successor:** Shows one entry for item 03, which follows item 02.

At the bottom left, there is a 'Projects' section with a tree view showing 'Project Code' and 'Project Description'. One node is expanded to show 'E 0169-01 - MPCV E2M Development (FM1)'.

#### Integration of Category C in WorkForce Planning Module

## Revisions in version 2014.04.02

### Custom Skins



Figure 1: The style Emerald Green Slate is shown above.

### Duplicate and Open

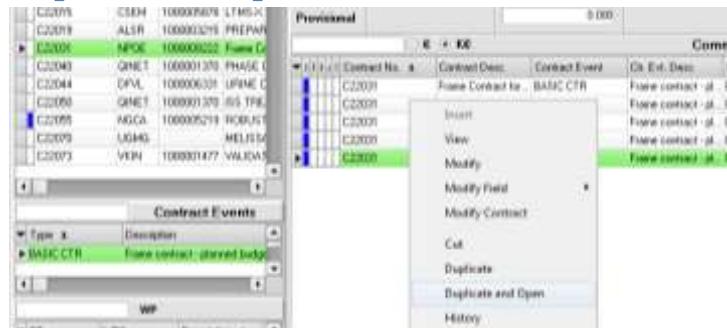


Figure 2: The Duplicate and Open function duplicates the line and opens the commitment line data screen in one click.

### GeoReturn: Multi-Company View by Country

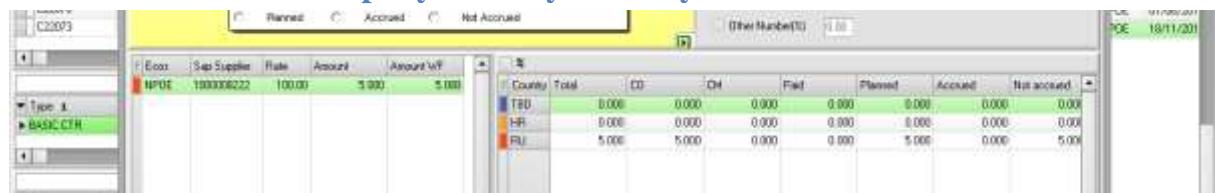


Figure 3: The user can assign the breakdown of companies by country.

## Commitment Line Screen: GeoReturn Tab

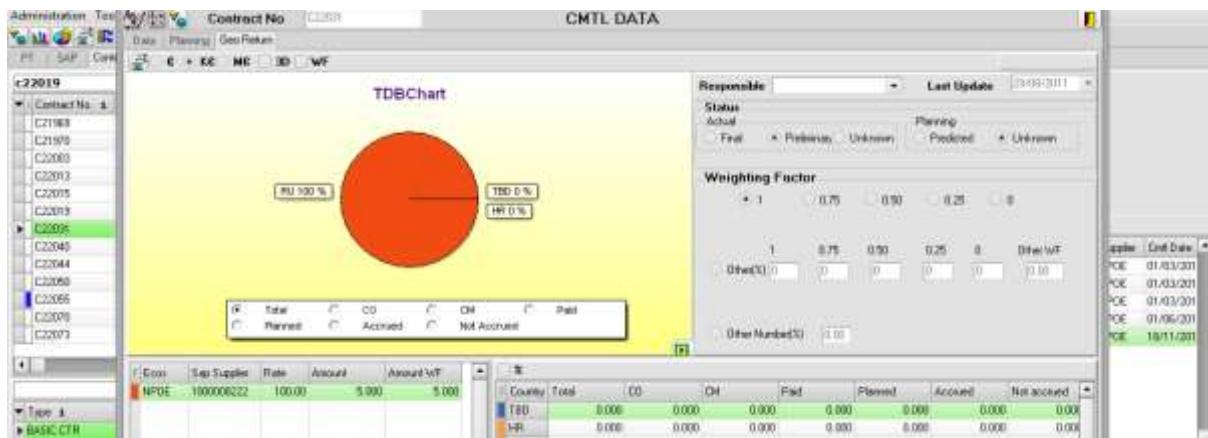


Figure 4: The GeoReturn tab is the third tab in the commitment line screen.

## Commitment Line Screen: Automatic Update Geo Return



Figure 5: When the user changes the supplier on a commitment, the GeoReturn is automatically updated if this box is checked.

If the commitment line is marked with a Special GeoReturn, then no update to the GeoReturn will occur automatically, whether the box is checked or not.

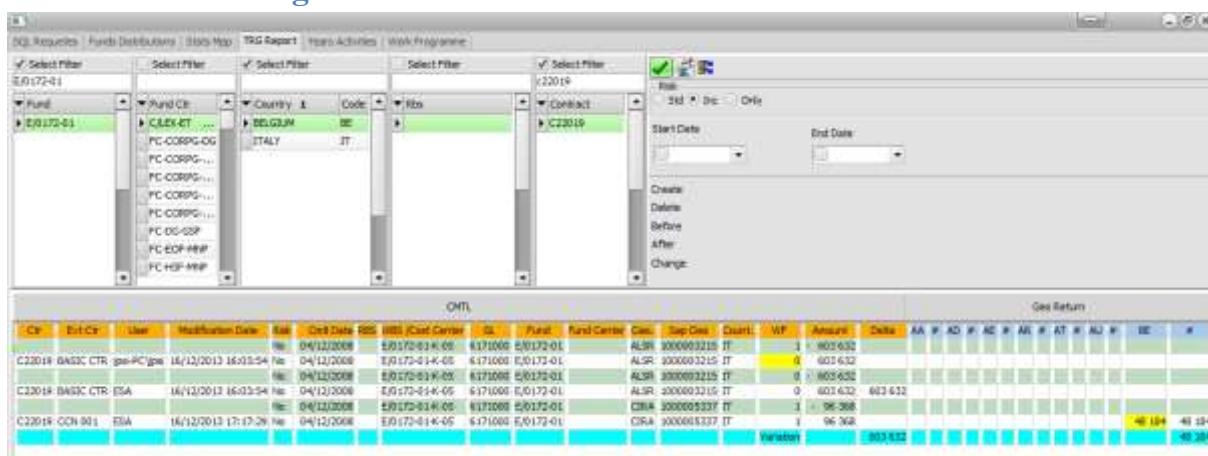
## Double-Click Modify Commitment Line

When the user double-clicks on a commitment line in IPCDB, he or she can modify the commitment line.

## No Longer Possible to Delete Milestones in MPP, MCP Tabs

It is now only possible to delete milestones in the Planning tab of the commitment line screen. The milestone Delete function is currently under review.

## Georeturn Tracking



It is possible to extract a report on the changes in GeoReturn distribution by country. In the example above, C22019 has ALSR as prime, and the GeoReturn on a commit line with CIRA as the supplier was modified. Fifty percent of this line's fund was diverted to Belgium.

## GRN Integration of Partial Confirmations

GRNs that pay two different milestones but have the same confirmation number will now be easier to integrate from the GRN Integration interface. When they are both listed as green, and one is integrated, the second one will remain green and available to integrate.

## Automatic SAP Import: Milestones, GRNs, Invoices (HSO, GSP)

All milestones, GRN and Invoice data that is officially exported from SAP is now automatically integrated into IPCDB if this data is not already present in IPCDB.

## Contract Events: Call for Ideas Included in Update Planning Function (GSP)

The Call for Ideas data is now automatically integrated into IPCDB through the Update Planning function.

## Milestones: Insert Documents (LAU)



Figure 6: For LAU users, it is possible to attach documents to individual milestones (the paperclip icon).

## Workforce Module (LAU)

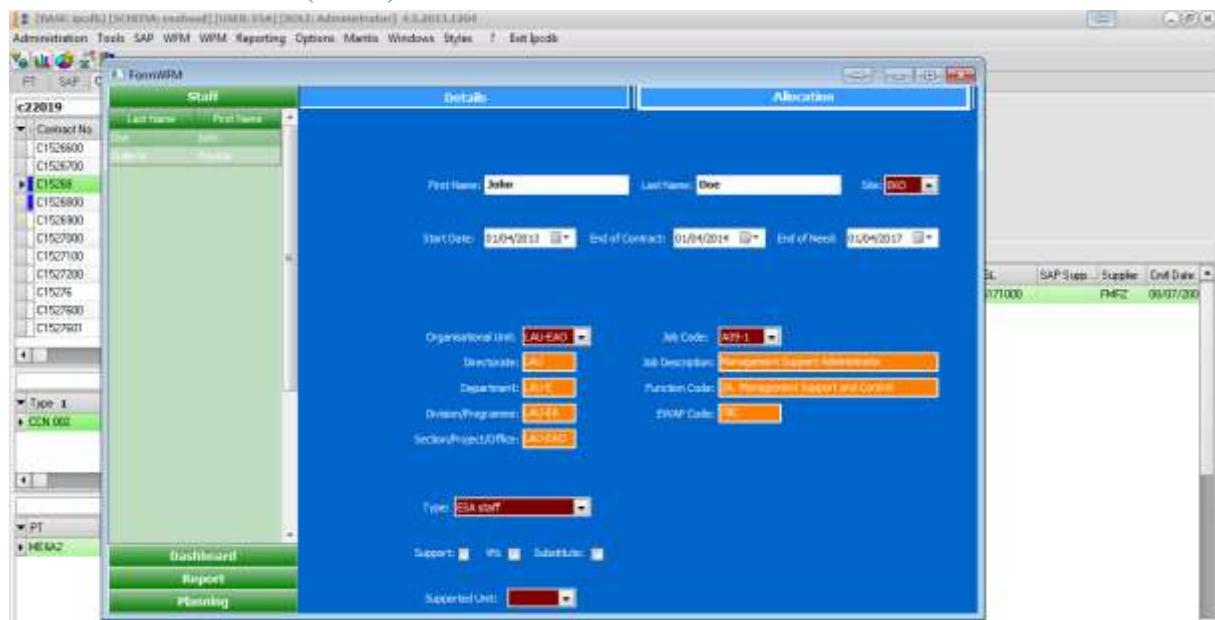


Figure 7: The Workforce Module is available for LAU users.

## Notification of Commitment and Shopping Cart Reports (LAU)

**NOTIFICATION OF COMMITMENT**



|                                 |                         |                        |
|---------------------------------|-------------------------|------------------------|
| To: BELINGHERI M-OPS-HM         | Ref.: PFL-PL/           | Date: 16/12/2013       |
| From: -                         | Establishment: ESAHQ    | Address Code: PFL-PLL  |
| Via: -                          | -                       |                        |
| Visa: Nathalie Dorval - PFL-PLL | Karl Eisermann - PFL-PL | Jochen Schaper - PFL-P |

---

You are kindly requested to sign and return the attached documents as soon as possible.

---

CONTRACT SENT TO CONTRACTOR ON:  
 CONTRACT SIGNED BY CONTRACTOR ON:  
 CONTRACT SIGNED BY THE AGENCY ON:

---

|          |   |
|----------|---|
| SUBJECT: | ADDITIONAL LIMIT OF LIABILITY FOR HME<br>PROMOTIONAL ACTIVITIES |
|----------|---|

Figure 8: The Notification of Commitment document is automatically filled out with data from IPCDB for LAU users.

## Omissions

### Old CAP

#### Tools → Search Cmtl List

#### Duplicate Milestone Plan, Milestones

In the MPP and MCP tabs, it is no longer possible to duplicate milestones. While the Duplicate function is still available for Milestone Plans, the function will create a new Milestone Plan that matches the first-level data of the duplicated Milestone Plan, but the plan will be empty. No milestones will exist in the Milestone Plan that is created with the Duplicate.

#### Fixed Bugs from the 2013.08.06 Version

| No.       | Tab                | Description  |
|-----------|--------------------|--|
| Mantis 19 | IPCDB              | Modify access by SAP WBS is now available to project controllers.  |
| 29        | Contract           | Unique PO Item numbers are created for newly created milestones, if not specified by the user, and duplicates.   |
| 51        | CAP                | De-Commitments are now properly visible as separate commitment lines in the CAP view.                            |
| 261       | Payment Assistance | The “Original Ref.” column was incorrectly named and has since been corrected.                                   |
| 273       | IPCDB              | Modify access by SAP WBS is now available to project controllers, with a streamlined view for the administrator. |
| 307       | IPCDB              | Hints now appear when the user holds the mouse over the buttons in the upper-left-hand corner.                   |
| 314       | PT                 | When a product tree node is selected, it is appropriately highlighted.   |



## What's New 6.1.4 Release, December 2019

|     |            |   |
|-----|------------|---|
| 378 | Contract   | When a new commitment is created, double PO Item numbering should be avoided.                 |
| 452 | Contract   | Resolved a Write error in the Excel report of commitment lines.                               |
| 513 | Contract   | It is now possible to change the supplier on duplicated commitment lines.                     |
| 514 | MCP<br>MPP | A new Milestone Plan is created when the user duplicates a commitment line.                   |
| 641 | Contract   | There is now a Cost Center column in the commitment line view.                                |
| 660 | IPCDB      | Modify access by SAP WBS is now available to project controllers.                             |
| 728 | IPCDB      | A hint with the full company name is now visible when the user hovers over the Supplier Code. |
| 733 | SAP        | When the SAP WBS tree is refreshed, the focus stays on the selected node.                     |

## Revisions in Version 2013.08.06

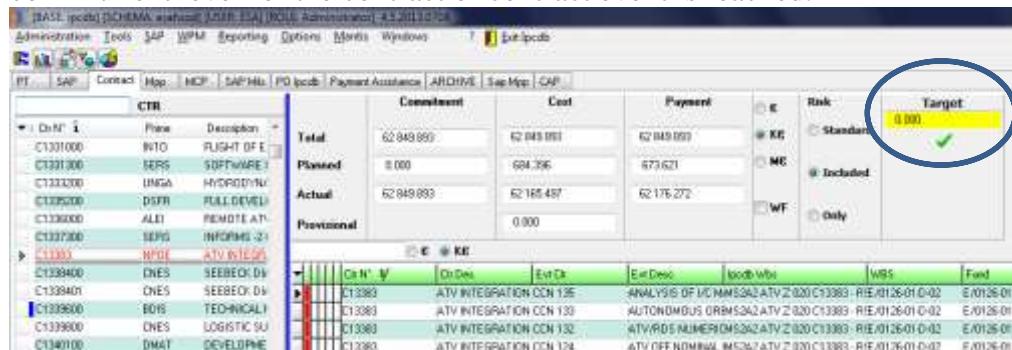
### New Features

#### New Graphics

IPCDB now has a new look, with updated graphics. Future improvements to the look of the interface are now possible with these new graphics capabilities.

#### Target

In the Contracts tab, it is now possible to set a “Target”, or a financial threshold for your contracts and contract events. The target level can be set in Euros, MEuros, and KEuros in the Target field and validated with the checkmark. The field will turn yellow when the total commitment level for the contract or contract event is reached.



| Cntr     | Plan  | Description | Commitment |            |            | Payment | Risk                                | Target |
|----------|-------|-------------|------------|------------|------------|---------|-------------------------------------|--------|
|          |       |             | Total      | Planned    | Actual     |         |                                     |        |
| C1331000 | INTO  | FLIGHT OF E | 62 849 990 | 62 048 993 | 62 048 993 |         | <input checked="" type="radio"/> KE | 0 000  |
| C1331300 | SEPG  | SOFTWARE    | 0 000      | 684 396    | 673 621    |         | <input type="radio"/> ME            |        |
| C1333000 | UNGA  | HYDROGEN    |            |            |            |         | <input type="radio"/> Standard      |        |
| C1335000 | DSTF  | FULL DEVELO | 62 849 993 | 62 165 487 | 62 176 272 |         | <input type="radio"/> Included      |        |
| C1336000 | ALI   | REMOTE AT   |            |            |            |         | <input type="radio"/> WF            |        |
| C1337000 | SEPG  | INFORMS-21  |            |            | 0 000      |         | <input type="radio"/> daily         |        |
| C1338000 | ATV01 | ATV INTEG   |            |            |            |         |                                     |        |
| C1338400 | CNES  | SEEBOCK-DV  |            |            |            |         |                                     |        |
| C1338401 | CNES  | SEEBOCK-DV  |            |            |            |         |                                     |        |
| C1339600 | BOIS  | TECHNICAL   |            |            |            |         |                                     |        |
| C1339800 | CNES  | LOGISTIC SU |            |            |            |         |                                     |        |
| C1340100 | DMAT  | DEVELOPME   |            |            |            |         |                                     |        |

| Cntr   | Cntr N° | Cntr Desc.              | Evt Dte | Evt Desc.  | Isobj Wbs | WBS       | Fund | Risk |    |
|--------|---------|-------------------------|---------|--|-----------|-----------|------|------|----|
|        |         |                         |         |  |           |           |      | E    | KE |
| C13380 | C13380  | ATV INTEGRATION CCN 135 |         | ANALYSIS OF VC/NAM5302/ATV/Z/820/C13380 - R/E/0126-01-D-02 |           | E/0126-01 |      |      |    |
|        | C13380  | ATV INTEGRATION CCN 130 |         | AUTONOMOUS ORBM5342/ATV/Z/820/C13380 - R/E/0126-01-D-02    |           | E/0126-01 |      |      |    |
|        | C13380  | ATV INTEGRATION CCN 132 |         | ATV/RDS NUMBER DM5342/ATV/Z/820/C13380 - R/E/0126-01-D-02  |           | E/0126-01 |      |      |    |
|        | C13380  | ATV INTEGRATION CCN 124 |         | ATV OFF NOMINAL IM5342/ATV/Z/820/C13380 - R/E/0126-01-D-02 |           | E/0126-01 |      |      |    |

#### MCP

#### Trendchart

It is possible to track updates to the Foreseen Dates of cost milestones in the MCP tab. Use the right-click menu of either the Milestone Plan or the individual milestones to access the Trendchart.

#### Provisional Accrual

It is now possible to mark cost milestones as Provisionally Accrued in one click.

#### Risk

You can now mark commitment lines with being at risk. In the right-click menu of a commitment line, select Modify Field and then Risk. The commitment line will be color-coded appropriately. Green means at risk, and white means no risk.



| Dr N° | Dr Desc. | Evt Dte | Evt Desc. | Isobj Wbs | WBS | Fund | Risk |
|-------|----------|---------|-----------|-----------|-----|------|------|
|       |          |         |           |           |     |      |      |

#### ARCHIVE Tab

You can now link documentation to the Executive Summary and Closed phases of a contract. When you are in modify mode, click on the Executive Summary or Closed links and follow the dialog prompts to select the appropriate document. A store of documents is organized by contract in the ARCHIVE tab. You can enable this tab from the Options menu in the menu bar.



## What's New 6.1.4 Release, December 2019

| Dr N°    | Ext Cr. | Cycle | File Name                   | Date Modified    | User Name    | Description |
|----------|---------|-------|-----------------------------|------------------|--------------|-------------|
| C0CA6598 | ES      |       | OracleConstraintEdit.doc    | 31/07/2013 12:05 | gsrPC\gsr    |             |
| C0CA6598 | FR      |       | Manual.pdf                  | 31/07/2013 12:05 | gsrPC\gsr    |             |
| C0902290 | FR      |       | Adobe Reader X.exe          | 31/07/2013 11:08 | gsrPC\gsr    |             |
| C0902290 | ES      |       | ukorent.exe                 | 31/07/2013 11:08 | gsrPC\gsr    |             |
| C0902290 | FR      |       | ipodBlog.exe                | 31/07/2013 10:23 | gsrPC\gsr    |             |
| C0902290 | ES      |       | ipodBlog.exe                | 31/07/2013 10:23 | gsrPC\gsr    |             |
| C0902290 | ES      |       | NDIC20130721151307.doc      | 31/07/2013 10:21 | gsrPC\gsr    |             |
| C0902290 | FR      |       | asghat.log                  | 31/07/2013 10:20 | gsrPC\gsr    |             |
| C0902290 | FR      |       | asghat.log                  | 31/07/2013 10:20 | gsrPC\gsr    |             |
| C0902290 | FR      |       | asghat.log                  | 31/07/2013 10:19 | gsrPC\gsr    |             |
| C0902290 | FR      |       | Manual.pdf                  | 31/07/2013 10:19 | gsrPC\gsr    |             |
| C0902290 | FR      |       | Manual.pdf                  | 31/07/2013 10:16 | gsrPC\gsr    |             |
| C0902290 | FR      |       | ts_db.tdb                   | 31/07/2013 10:16 | gsrPC\gsr    |             |
| C0902290 | ES      |       | Web_Request.docx            | 31/07/2013 10:14 | gsrPC\gsr    |             |
| C0902290 | FR      |       | Web_Request.docx            | 31/07/2013 10:11 | gsrPC\gsr    |             |
| C0902290 | ES      |       | ts_db.tdb                   | 31/07/2013 09:55 | gsrPC\gsr    |             |
| C0902290 | FR      |       | item_E93.jpg                | 31/07/2013 09:55 | gsrPC\gsr    |             |
| C0902290 | ES      |       | LokalNotilog                | 31/07/2013 09:54 | gsrPC\gsr    |             |
| C30771   | ES      |       | Esa4Accounts_EAC_000620.pdf | 20/05/2010 12:25 | 200309167171 |             |

### New CAP

#### Move Commitment Line

When you view your CAP using the IPCDB WBS view, you can now move your commitment lines from one IPCDB WBS to another. Right-click on a commitment line and select Move. A drop-down menu box will appear in column IPCDB WBS. Select the new IPCDB WBS and validate. Clicking on Undo Move will restore the most recent commitment line whose WBS you modified in its original WBS.

| Dr N°  | Ext Dr.                 | Ext Desc.   | Imits Wbs            | Wbs     | Fund            | Gs        | Fund Cr. | Supplier | Exsc | Buskey | D | E | Out |
|--------|-------------------------|---|----------------------|---------|-----------------|-----------|----------|----------|------|--------|---|---|-----|
| C13801 | ATV INTEGRATION.CCN.070 | RIS-BH CONNECTED MS2014 ADPS 2.06 TRAINER.NE/07.26.01.H       | X/0126.01            | 6042700 | 1800006222 NP0E | C11952941 | C        | 1        | 552  |        |   |   |     |
| C13801 | ATV INTEGRATION.CCN.061 | DEVELOPMENT OF MS2014 ADPS 2.06 TRAINER.NE/07.26.01.H         | X/0126.01            | 6042700 | 1800006222 NP0E | C11952941 | C        | 1        | 552  |        |   |   |     |
| C13801 | ATV INTEGRATION.CCN.063 | UPDATING ACT US/MS2014 ADPS 2.06 TRAINER.NE/07.26.01.H        | X/0126.01            | 6042700 | 1800006222 NP0E | C11952941 | C        | 1        | 552  |        |   |   |     |
| C13801 | ATV INTEGRATION.CCN.092 | ONBOARD TRAINING  |                      | 6042700 | 1800006222 NP0E | C11952941 | C        | 1        | 552  |        |   |   |     |
| C13801 | ATV INTEGRATION.CCN.115 | LOCATED PERSONS MAY/HCD 01/965 INTERNAL COSTS PARENT FUND 110 | +01                  | 6042700 | 1800006222 NP0E | C11952941 | C        | 1        | 552  |        |   |   |     |
| C13801 | ATV INTEGRATION.CCN.125 | ATV TRAINERS MO MAY/PLA P 963 Planning Is 1100693             | 01                   | 6042700 | 1800006222 NP0E | C11952941 | C        | 1        | 552  |        |   |   |     |
| C13801 | ATV INTEGRATION.CCN.091 | ACT LIGHT CREW  |                      | 6042700 | 1800006222 NP0E | C11952941 | C        | 1        | 552  |        |   |   |     |
|        |                         |   | MASIA ART.2.1 C0N.02 |         |                 |           |          |          |      |        |   |   |     |
|        |                         |   | MASIA ART.2.1 C0N.07 |         |                 |           |          |          |      |        |   |   |     |
|        |                         |   | MASIA ART.2.4 C0N.14 |         |                 |           |          |          |      |        |   |   |     |

#### Historical Commitments

Historical commitments are now managed in the same way as in the old CAP view.

#### PO IPCDB Tab

This new tab closely matches the existing SAP Mils tab. The notable difference is that you can view milestone plans and milestones according to the PO, rather than the contract event. Milestone plans and milestones are grouped by contract event in the SAP Mils tab. You can enable or disable these tabs in the Options menu in the menu bar.



## What's New 6.1.4 Release, December 2019

The screenshot shows a SAP application window titled 'BASE [poedit] [SCHEMAS] workspace (User: PAUL [DB2, Administrator], 4.5.2011.0.108)'. The menu bar includes 'Administration', 'Tools', 'SAP', 'MPP', 'Reports', 'Metrics', 'Windows', and 'Exit [poedit]'. The tabs at the top are 'PT', 'SAP', 'Contract', 'Mpp', 'MCP', 'S-PMM', 'PO [poedit]', 'Payment Assistance', 'ARCHIVE', 'Sap Mpp', and 'CAP'. A blue oval highlights the 'Events' tab. The main area displays two tables: 'PO' and 'EVN/MPP'. The 'PO' table lists items like 'C1850010: INDUSTRIALISATION OF THE INTERNAT...' and 'C1850010: KAYI DEVELOPMENT AND OPERATION FOR SI...'. The 'EVN/MPP' table shows events such as 'BASIC CTR 15 01 M888 BASIC CTR' and 'BASIC CTR 16 01 M888 CCN 0297'. Below these tables is a section titled 'SAP MILESTONES' with a single entry: 'PO 1 PO Item 1 Amount 375 000.00 EUR Supplier H888 SAP Supplier 1000004288 Description Support for Russian SW Validation ATVS'.

### Omissions

#### Georeturn Tool

This feature has been removed from the Tools menu on the menu bar.

#### Milestone Synthetic View

The synthetic view option is no longer available on the milestone right-click menu, but it is still available via Payment Assistance.

#### Add History

The option to add history on a commitment line is no longer available on the right-click menu, but it is still possible to add history through the History option on this menu.

#### Payment Assistance

The Events function has been removed.

#### ODS

All functions that are related to the ODS system have been removed from the menu bar.

#### SAP Tab

The checkbox "Nodes with cmtl" has been deleted.

#### SAP Mpp Tab

The CA/PA Graph and Georeturn Graph buttons have been deleted from the options in upper left-hand corner or the screen.

#### Import Excel → Duration in Months on Potential Contracts (For GSP)

In the Planned Contracts window, the option to enter the number of months has been omitted from the Parameters section of the window.

### Fixed Bugs from the 2013.03.12.8 Version

| No. | Mantis | Tab     | Description  |
|-----|--------|---------|--|
| 9   |        | MPP     | Partially paid milestones no longer cause the calculator in Contract-MPP-MCP tabs to show an incorrect Paid amount.  |
| 11  |        | General | When creating Milestone Plans with the Automatic Generation option, using the Mono-Item parameter, a default PO Item number is chosen for you and generated automatically. |
| 14  |        | CAP     | Under the IPCDB WBS Model view, a bug was corrected where it is now possible to modify the Georeturn on all planning lines.  |

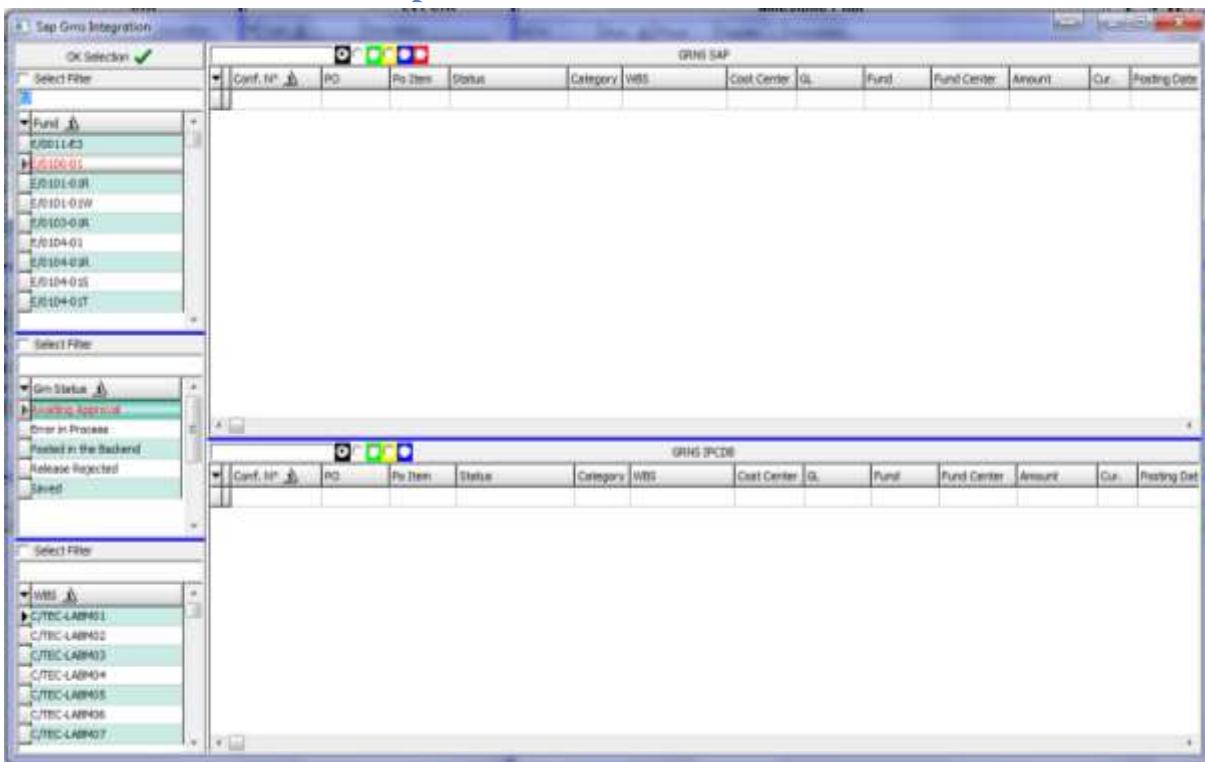


## What's New 6.1.4 Release, December 2019

|     |                    |  |
|-----|--------------------|--|
| 49  | General            | In the Georeturn screen of a commitment line, entering a value into a field is now done as in Microsoft Excel; the numbers are not pre-formatted.  |
| 51  | CAP                | The decommitment history from previous years for all commitment lines is not visible in the detailed CA view in the top portion of the new CAP tab. Also known as the Commitment Line History.   |
| 154 | Sap Mpp            | In the SAP portion of the tab, it is now possible to update the Supplier field from the right-click menus of the POs, Mpps, and Milestones. The option is called "Affect Change Supplier".   |
| 250 | General            | With the updated GRN table structure in Oracle, it is now possible to view manually created GRNs in the GRN Integration screen.  |
| 278 | General            | An error was corrected in the Georeturn screen that gave an error "Georeturn must be <= 100!"  |
| 284 | General            | New IPCDB WBS branches will no longer be automatically created.  |
| 306 | Contract           | In any place where it is possible to create a Contract Event, please note that it is not necessary to fill in the CMTL Data screen. The Contract Event will still be created if you simply close the CMTL Data screen when it appears. |
| 329 | Payment Assistance | The request that gathers invoices into IPCDB has been updated. Corrected by F. Pinna (ESA-HSO) in August 2013.   |
| 526 | General            | In SAP Tools, a bug was corrected that prevented the administrator from creating a new company in the SAP Tables. Corrected by F. Pinna (ESA-HSO) in June 2013.  |
| 627 | General            | Under read-only access, the GRN data, CAP descriptions, Trendchart data are no longer modifiable.  |

## Revisions in Version 2013.03.12.8

### New Functions: GRN Incorporation



The following functions have been updated in the SAP GRN Integration screen:

- The focus is kept on the GRNs with the same confirmation number. For example, when the user clicks on the GRN with confirmation number 6000079673 in the SAP window (top), the same GRN will automatically be highlighted in the IPCDB window (bottom).
- The right-click menus for the following items have been updated:

- Yellow GRNs (GRNs whose statuses are different between SAP and IPCDB): It is possible to update the status of an IPCDB GRN to the status in SAP by choosing Update. It is also possible to Reject the SAP GRN, which will send it to the red “Reject” screen (The “Reject” screen is accessed by choosing the red radio button at the top of the SAP window.). Finally, it is possible to Break the milestone association IPCDB with the existing GRN. This is useful if you have a Rejected or Cancelled GRN coming in from SAP. In the end, the only GRNs that should be integrated into IPCDB are Posted in the Backend and Awaiting Approval.
- Blue GRNs (GRNs whose PO, PO Item, Status and Amount are different): It is possible to either Break, Integrate or Break & Integrate the GRNs. The Break function breaks the association of the existing IPCDB GRN with the milestone. The Integrate function starts the milestone association process for the SAP GRN that has been selected. The Break and Integrate function performs both functions in one click. It is also possible to Reject the SAP GRN.

### New Functions: Menu Bar: Windows

- The Windows function on the Menu Bar allows the user to circulate among pop-up windows and the main IPCDB screen.



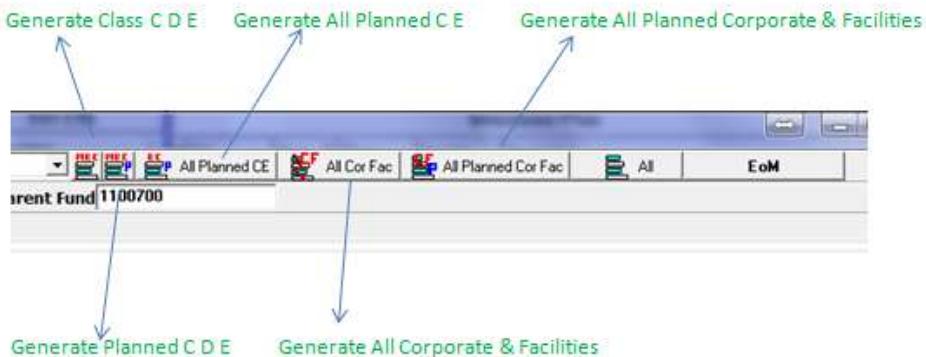
### Fixed Bugs from the 2013.03.12.1 Release

| No. Mantis | Déscription  |
|------------|--|
| 155        | Commitment Line Screen. When an MCP and MPP are created for a new Commitment Line the contractual dates are now equal in corresponding MCP and MPP milestones. There is now a lag of one month between the Foreseen Dates of MCP and MPP milestones.   |
| 471        | General. IPCDB gave the error message "ORA-01843: not a valid month / ORA-06512: at line 2" when trying to modify different types of data like commitment lines or milestones. This was related to a procedural check of a disconnection between IPCDB and the Oracle database. It has been corrected. |
| 80         | General. For a milestone, it is now possible to enter a Commitment Date that is later than a Foreseen Date.  |

## Revisions in Version 2013.03.12.1

### New Features

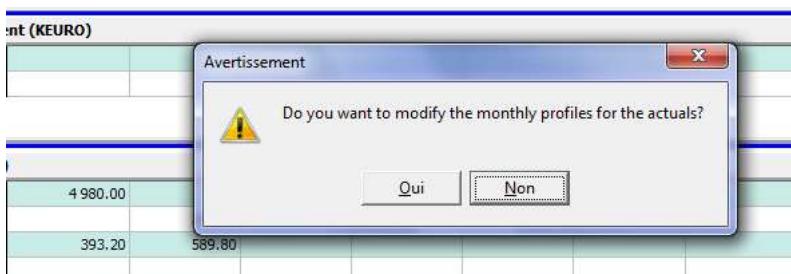
#### Workforce Planning Module (WPM)



- The administrator is now able to update all of the actuals and planned commitment lines with the “All” Button.
- The WPM button tips have been updated in order to clearly identify the function of each button.

A new pop-up message has been implemented in the WPM. When the user modifies the current year’s values, the message “Do you want to modify the monthly profiles for the actuals?” appears.

| 2013  | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------|------|------|------|------|------|------|
| 20.00 |      |      |      |      |      |      |
| 10.00 | 2.00 |      |      |      |      |      |
| 2.00  | 3.00 |      |      |      |      |      |
|       |      |      |      |      |      |      |
|       |      |      |      |      |      |      |



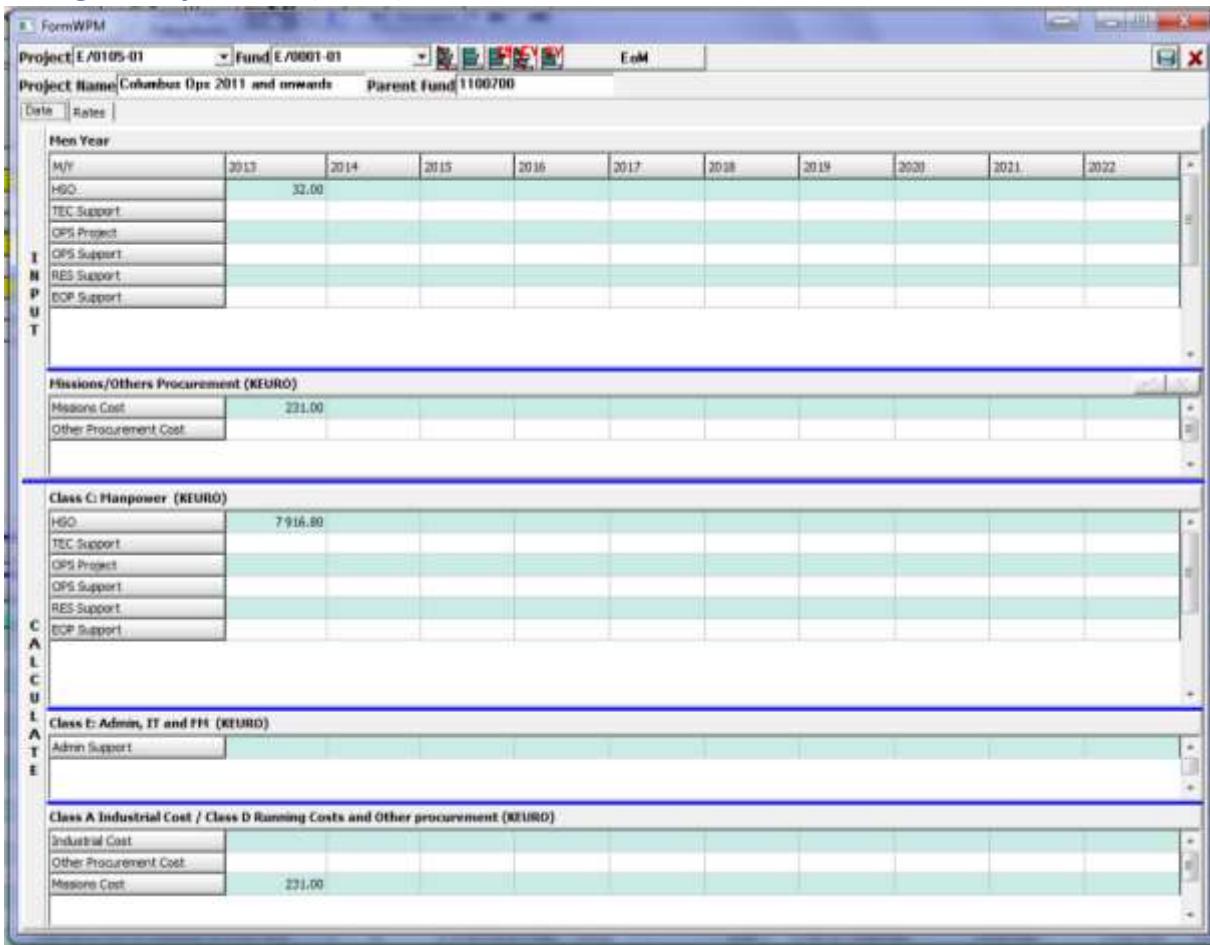
- Clicking on Yes (Oui) modifies the Men.Year values for months passed e.g. If the current month is March, January’s and February’s values change.
- Clicking on No (Non) leaves previous months’ values unchanged and spreads out the new value across the rest of the year. If the new men.year is less than the actuals, a delta will be applied to December of the current year.

## Revisions in Version 2013.03.12

### New Features

#### Workforce Planning Module (WPM)

##### *Management of Accounts, Dates, and Amounts*



The screenshot shows the 'FormWPM' window with the following details:

- Project:** E/0105-01
- Fund:** E/0001-01
- Project Name:** Columbus Ops 2011 and onwards
- Parent Fund:** 1100700
- M/Y:** 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022

**Men Year** section (M/Y column 2013):

| M/Y         | 2013  | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-------------|-------|------|------|------|------|------|------|------|------|------|
| H2O         | 32.00 |      |      |      |      |      |      |      |      |      |
| TEC Support |       |      |      |      |      |      |      |      |      |      |
| GPS Project |       |      |      |      |      |      |      |      |      |      |
| GPS Support |       |      |      |      |      |      |      |      |      |      |
| RES Support |       |      |      |      |      |      |      |      |      |      |
| EDP Support |       |      |      |      |      |      |      |      |      |      |

**Missions/Others Procurement (KEURO)** section:

|                        |        |  |  |  |  |  |  |  |  |  |
|------------------------|--------|--|--|--|--|--|--|--|--|--|
| Missions Cost          | 231.00 |  |  |  |  |  |  |  |  |  |
| Other Procurement Cost |        |  |  |  |  |  |  |  |  |  |

**Class C: Manpower (KEURO)** section:

|             |         |  |  |  |  |  |  |  |  |  |
|-------------|---------|--|--|--|--|--|--|--|--|--|
| H2O         | 7916.80 |  |  |  |  |  |  |  |  |  |
| TEC Support |         |  |  |  |  |  |  |  |  |  |
| GPS Project |         |  |  |  |  |  |  |  |  |  |
| GPS Support |         |  |  |  |  |  |  |  |  |  |
| RES-Support |         |  |  |  |  |  |  |  |  |  |
| EDP Support |         |  |  |  |  |  |  |  |  |  |

**Class E: Admin, IT and FM (KEURO)** section:

|               |  |  |  |  |  |  |  |  |  |  |
|---------------|--|--|--|--|--|--|--|--|--|--|
| Admin Support |  |  |  |  |  |  |  |  |  |  |
|---------------|--|--|--|--|--|--|--|--|--|--|

**Class A Industrial Cost / Class D Running Costs and Other procurement (KEURO)** section:

|                        |        |  |  |  |  |  |  |  |  |  |
|------------------------|--------|--|--|--|--|--|--|--|--|--|
| Industrial Cost        |        |  |  |  |  |  |  |  |  |  |
| Other Procurement Cost |        |  |  |  |  |  |  |  |  |  |
| Missions Cost          | 231.00 |  |  |  |  |  |  |  |  |  |

- The user can enter M/Y values for a 10-year period.
- For Missions and Other Procurements the user can enter values in KEuro.
- It is possible to enter values per month by right clicking on the field of interest and selecting "Month Planning".

|   | SAP WBS/CC | Cr N°      | D. | E. | Output | EPA | Fund Center | Fund      | GL        | Item  | Cry | Date       | Amount | P. Amount | Outst. | Des |
|---|------------|------------|----|----|--------|-----|-------------|-----------|-----------|-------|-----|------------|--------|-----------|--------|-----|
|   | E/0172-01  | HIC1100550 | C  | 1  | 550    | HIC |             | 1100550   | HICTAX0   | 09ICO | ESA | 31/12/2009 | 29     | 29        |        |     |
|   | E/0172-01  | HIC1100550 | C  | 1  | 550    | HIC |             | 1100550   | HICRU0    | 09ICO | ESA | 31/12/2009 | 44     | 44        |        |     |
|   | E/0172-01  | HIC1100550 | C  | 1  | 550    | HIC |             | 1100550   | HICADMO   | 09ICO | ESA | 31/12/2009 | 32     | 32        |        |     |
|   | E/0172-01  | HIC1100550 | C  | 1  | 550    | HIC |             | 1100550   | HICMNP0   | 09ICO | ESA | 31/12/2009 | 94     | 94        |        |     |
|   | E/0172-01  | HIC1100550 | C  | 1  | 550    | HIC |             | 1100550   | HICFAC0   | 09ICO | ESA | 31/12/2009 | 24     | 24        |        |     |
|   | E/0172-01  | HIC1100582 | C  | 1  | 582    | HIC |             | 1100582   | HICTAX0   | 09ICO | ESA | 31/12/2009 | 655    | 655       |        |     |
|   | E/0172-01  | HIC1100582 | C  | 1  | 582    | HIC |             | 1100582   | HICRU0    | 09ICO | ESA | 31/12/2009 | 2 209  | 2 209     |        |     |
|   | E/0172-01  | HIC1100582 | C  | 1  | 582    | HIC |             | 1100582   | HICFAC0   | 09ICO | ESA | 31/12/2009 | 618    | 618       |        |     |
|   | E/0172-01  | HIC1100582 | C  | 1  | 582    | HIC |             | 1100582   | HICADMO   | 09ICO | ESA | 31/12/2009 | 1 800  | 1 800     |        |     |
| » | E/0172-01  | HIC1100582 | C  | 1  | 582    | HIC |             | 1100582   | HICMNP0   | 09ICO | ESA | 31/12/2009 | 9 672  | 9 672     |        |     |
|   | E/0172-01  | IC9ADJUST  | C  | 1  | 582    | 222 |             | E/0172-01 | 9ADJUST   | 10ICO | ESA | 31/12/2010 | 0      | 0         |        |     |
|   | E/0172-01  | IC9NOCENI  | C  | 1  | 582    | 222 |             | E/0172-01 | 9NOCENI   | 10ICO | ESA | 31/12/2010 | 6      | 6         |        |     |
|   | E/0172-01  | IC9SECONI  | C  | 1  | 582    | 222 |             | E/0172-01 | 9SECONI   | 10ICO | ESA | 31/12/2010 | 16     | 16        |        |     |
|   | E/0172-01  | IC9SMEINI  | C  | 1  | 582    | 222 |             | E/0172-01 | 9SMEINI   | 10ICO | ESA | 31/12/2010 | 16     | 16        |        |     |
|   | E/0172-01  | IC9T&OFAI  | C  | 1  | 582    | 222 |             | E/0172-01 | 9T&OFAI   | 10ICO | ESA | 31/12/2010 | 47     | 47        |        |     |
|   | E/0172-01  | IC9UNDUTI  | C  | 1  | 582    | 222 |             | E/0172-01 | 9UNDUTI   | 10ICO | ESA | 31/12/2010 | 1      | 1         |        |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_RUN   | 11PLN | ESA | 15/09/2011 | 5      |           | 5      |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_MNPT  | 12PLN | ESA | 01/01/2012 | 110    |           | 110    |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_MNPR  | 12PLN | ESA | 01/01/2012 | 80     |           | 80     |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_MNPR  | 11PLN | ESA | 15/09/2011 | 229    |           | 229    |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_MNPH  | 11PLN | ESA | 15/09/2011 | 218    |           | 218    |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_FAC   | 12PLN | ESA | 01/01/2012 | 16     |           | 16     |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_FAC   | 11PLN | ESA | 15/09/2011 | 27     |           | 27     |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_ADMIN | 12PLN | ESA | 01/01/2012 | 1      |           | 1      |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_ADMIN | 11PLN | ESA | 15/09/2011 | 1      |           | 1      |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_RUN   | 12PLN | ESA | 01/01/2012 | 5      |           | 5      |     |
|   | E/0172-01  | PLN1100582 | C  | 1  | 582    | 222 |             | 1100582   | PLN_MNPH  | 12PLN | ESA | 01/01/2012 | 96     |           | 96     |     |

Object Name: Columbus Ops 2011 and onwards Parent Fund: 1100700

ata Rates

Men Year

| M/Y         | 2013 | 1/ | 2014 | 2015 | 2016 |
|-------------|------|----|------|------|------|
| HSO         |      |    |      |      |      |
| TEC Support |      |    |      |      |      |
| OPS Project |      |    |      |      |      |
| OPS Support |      |    |      |      |      |
| RES Support |      |    |      |      |      |
| EOP Support |      |    |      |      |      |

Show All Lines  
Hide (if null)  
Month Planning

Missions/Others Procurement (KEURO)

| Missions Cost          | 231.00 |  |  |
|------------------------|--------|--|--|
| Other Procurement Cost |        |  |  |

### Commitment Line Generation

- The following planning GL Account codes apply:
  - PLN\_HSO for manpower HSO,
  - PLN\_TEC for Manpower TEC,
  - PLN\_OP-P for Manpower OPS Project,
  - PLN\_OP-S for Manpower OPS Support ,
  - PLN\_RES for Manpower RES,
  - PLN\_EOP for Manpower EOP,
  - PLN\_ORUN for Other Running Costs (Other Procurement Costs),
  - PLN\_ADMIN for General and Admin Support,
  - PLN\_COR for Corporate Governance, and
  - PLN\_FAC for ESA facilities
- For provisional actuals, the GL Account code will start with PRV\_



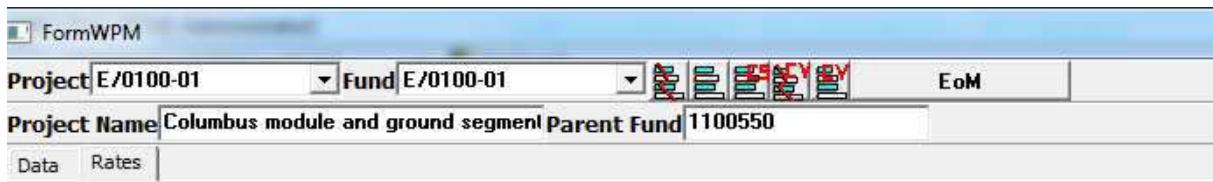
## What's New 6.1.4 Release, December 2019

### Interface

- Validating specific data entries works in the same way as using Microsoft Excel:
  - When using the arrow key, Enter key, or clicking into another cell, the data is validated.
- The calculations are displayed on the bottom portion upon validation of the data.
- The user is able to cancel and close the interface without permanently modifying data. Click on the red X.
- The user is able to save her work by clicking on floppy disk icon.

### Administrator Rights

- Rates Management
  - The administrator maintains the rate values.



- Generating recharge costs, Category B and Category E costs will be done by the IPCDB Administrator twice a month, starting at the beginning of each month.
- At the financial closure of account, the administrator replaces the generated actuals with the final actuals.

### Provisionally Accrued Milestones

- The end-user has the possibility to flag a milestone that is has neither been achieved nor linked to a GRN with an 'awaiting approval' status as *provisionally* achieved.

|    |      | Supplier | Sap Supplier | Amount         | Curr. | C. Date    | F. Date    | A. Date | Provision                           | Conf. Nu...               | PO | Pr... |
|----|------|----------|--------------|----------------|-------|------------|------------|---------|-------------------------------------|---------------------------|----|-------|
| 01 | TECN |          |              | 60 000.00 EUR  |       | 01/05/2012 | 01/02/2013 |         | <input checked="" type="checkbox"/> | 400015547                 |    |       |
| 02 | TECN |          |              | 127 500.00 EUR |       | 30/06/2012 | 03/05/2013 |         | <input type="checkbox"/>            | Conf. Number<br>400015547 |    |       |

A check box is available on each milestone line in order to flag the milestone as provisionally accrued.

|  | Ctr. 1 | Ctr. Description               | WBS | Mpp Num | Mpp Desc |
|--|--------|--------------------------------|-----|---------|----------|
|  | 21756  | EUROBOT GROUNCE/0101-01-B-01-A | 1   |         | CCN 006  |

- A color code will be implemented for the different status of the Milestone Cost:
  - White when not linked to a GRN
  - Red when not linked to a GRN and Provisionally Achieved
  - Orange when status 'Awaiting Approval'
  - Blue when 'Awaiting Approval' and Provisionally Achieved
  - Green when 'Posted in the Backend'
- The cost information in the MCP and Contract views now shows the following values:
  - Total
  - Accrued
  - Provisional
  - Not accrued

|                         |                                     |                          |
|-------------------------|-------------------------------------|--------------------------|
| <input type="radio"/> € | <input checked="" type="radio"/> K€ | <input type="radio"/> M€ |
| <b>Total</b>            |                                     |                          |
| 60.000                  |                                     |                          |
| <b>Accrued</b>          |                                     |                          |
| 47.991                  |                                     |                          |
| <b>Provisional</b>      |                                     |                          |
| 0.000                   |                                     |                          |
| <b>Not Accrued</b>      |                                     |                          |
| 12.009                  |                                     |                          |

- Once a milestone is set as provisionally achieved, its foreseen date is no longer modifiable.

- The color-coded milestones are visible in both the MCP and CAP views. In the CAP view, the milestones are visible when clicking on a project's Cost values.



**COST**

|     | Jun     | Jul | Aug | Sep    | Oct     | Nov |
|-----|---------|-----|-----|--------|---------|-----|
| 100 | 994.432 |     |     | 24.000 | 163     |     |
|     |         |     |     | 50.000 | 45      |     |
|     |         |     |     | 25.000 | 56      |     |
|     |         |     |     |        | 100.000 |     |
| 600 |         |     |     |        | 55      |     |
| 500 |         |     |     |        |         |     |

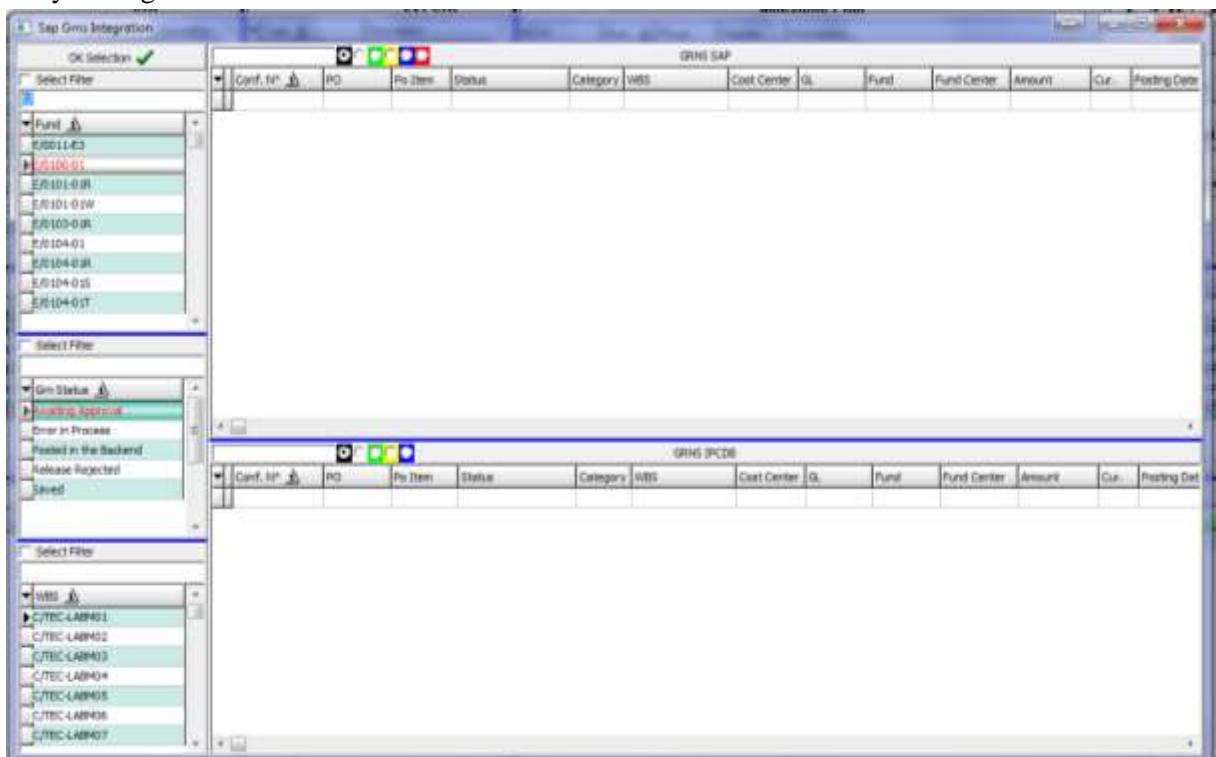
**C**

| Eff Date | C Dat      | F Dat      | A Dat      |                          |
|----------|------------|------------|------------|--------------------------|
| 12/2008  | 15/12/2008 | 06/05/2009 | 06/05/2009 | <input type="checkbox"/> |
| 07/2008  | 08/01/2010 | 12/10/2010 | 12/10/2010 | <input type="checkbox"/> |
| 17/2008  | 09/01/2010 | 14/03/2011 | 14/03/2011 | <input type="checkbox"/> |

## GRN Management

### GRN Incorporation

- GRNs that are imported from SAP are presented in the GRN Incorporation screen in a new way. At the beginning of each day, Sap GRNs are imported and updated into the IPCDB application.
- In the GRNs SAP window (top portion), the GRNs that are imported from SAP are shown. They are organized as



follows:

- In black, all the GRNs that have come from SAP are shown.
- In white, GRNs that are identical in SAP and IPCDB are shown. The confirmation number, PO, PO Item, status, amount and posting date are the same. No action is possible.
- In green, GRNs from SAP that are not entered into IPCDB are shown. These can be integrated or rejected.
- In yellow, GRNs whose information is all the same in SAP and IPCDB, except for their statuses, are shown. No action is possible.
- In blue, GRNs who only share the same confirmation number in SAP and IPCDB are shown. No action is possible.
- In red, any GRN that the user has marked as 'Rejected' through the right-click menu will be saved here for the user to consult and process at any time.
- In the GRNs IPCDB window (bottom portion), all of the GRNs that have already been integrated into IPCDB are shown.
  - In black, all the GRNs that have already been entered into IPCDB are shown.
  - In white, GRNs that are identical in IPCDB and SAP are shown. The possibility to Break an association will be available in a future release.
  - In green, GRNs that are only found in IPCDB and share no information with any SAP GRN are shown. No action is possible.

- In yellow, GRNs whose information is all the same in IPCDB and SAP, except for their statuses, are shown. No action is possible.
- In blue, GRNs who only share the same confirmation number in IPDB and SAP are shown. It will be possible to break the association of these GRNs and update with SAP information in a future release.

### MCP Tab

- It is possible to break an association of a GRN and a milestone on the MCP screen. Delete the accrual date of the GRN in the GRNS window.
- Entering an accrual date for an ‘Awaiting Approval’ GRN changes the status to Posted in the Backend.
- If you integrate a GRN that is Posted in the Backend, the Foreseen Date of the milestone becomes the Posting Date of the Posted in the Backend GRN.



The screenshot shows two windows side-by-side. The left window is titled 'GRNS' and lists three rows of data:

|   | HTSW | 1000005240 | 20 000,00 EUR  | 01/02/2011 | 25/05/2011 | 25/05/2011 |  | 6500009529  | 4330021960 | 26 | FINAL PAYMENT/COMPLETION OF CONTRACTUAL ACTIONS...            |
|---|------|------------|----------------|------------|------------|------------|--|-------------|------------|----|---|
| 1 | OGAL | 1000005708 | 114 000,00 EUR | 37/10/2010 | 25/11/2010 | 25/11/2010 |  | 65000096376 | 4330021960 | 33 | PP2 CON 1 PHASE 2: COMPLETION OF THE TEST READINESS REVIEW... |
| 2 | OGAL | 1000005200 | 57 000,00 EUR  | 01/02/2011 | 25/05/2011 |            |  | 12          | 4330021960 | 34 | FINAL PAYMENT...  |

The right window is titled 'GRN' and shows a single row of data:

| Conf. N° | T. Amount | R. Amount | Status            | Date | Depot | C/N°       | WBS            | Fund      | BL      | Supplier   | Ca-Trial | Pd-Accrual | Pd-Planned |
|----------|-----------|-----------|-------------------|------|-------|------------|----------------|-----------|---------|------------|----------|------------|------------|
| 12       | 57 000,00 | 57 000,00 | Awaiting Approval |      |       | 4330021960 | E/0172-01-K-02 | E/0172-01 | 6171000 | 1000005708 | 296 000  | 296 000    |            |

- Manually entering a confirmation number on a milestone line automatically creates a GRN in ‘Awaiting Approval’ status.

## Fixed Bugs from the 2012.09.02.09 Release

Please look up the listed item numbers in Mantis (accessible from the IPCDB menu bar) if you would like more information on which bugs and work requests have been resolved in this release.

| No.<br>Mantis | Déscription   |
|---------------|---|
| 155           | Tab MPP. When an MCP and MPP are created for a new Commitment Line the contractual dates should be equal. When an MCP and MPP are created for a new Commitment Line the contractual dates should be equal in the MCP and in the MPP. There is only one contractual date per milestone.  |
| 160           | General. Project Controllers can delete an accrued confirmation number. Project Controllers can delete an accrued confirmation number. Please disable this access. Operators should have this access only.  |
| 213           | Tab MCP. Adding a Confirmation number manually doesn't change the Foreseen date automatically   |
| 216           | Tab Contract. GL account error message. When entering a new commitment line the WBS and Fund can be entered but as soon as a GL account is typed IPCDB gives the error message "No IPCDB Bukey correspondance with these GL and Fund".  |
| 245           | Tab Contract. Display different contract in Contract view. Please add a filter in Contract view to avoid seeing different contracts in Work Package.  |
| 246           | Tab Contract. Move WP in another contract. Please prevent to move a WP containing a contract into another contract.   |
| 263           | Tab CAP. New CAP view - Wrong WBS description. Dans la nouvelle CAP View, pour le CAP par WBS la description doit être la description de la WBS et pas celle du Product tree.   |
| 265           | General. CA/PA/Cost quand History. Le calcul des CA avec History est faux dans le yearly profile (voir video).  |
| 271           | Tab CAP. Duplication CMTL avec Accrued date. Dans la nouvelle CAP View, pour le CAP par WBS la description doit être la description de la WBS et pas celle du Product tree.   |
| 274           | Tab MCP. For a planned commitment line the foreseen data and the accrual date are filled in before the commitment. For my planned commitment lines C21788 CCN 20 the foreseen date and the accrual date of the MCP are filled in with 11 September 2012 while yesterday these were updated with different later values. This means I have ACCRUED COSTS on a PLANNED COMMITMENT LINE without a confirmation number or manual transaction. All 4 milestones are accrued! |
| 275           | General. Focus problem when switching tabs. Voir la vidéo attachée. Au début je suis dans l'onglet Mpp et le contrat C1155500, je sélectionne une invoice, clique sur "Go to payment assistance" et lorsque je reclique sur l'onglet Mpp je suis redirigé vers le contrat C1850010 CCN 319 qui est un autre event contract sur lequel je suis allé précédemment lors de cette session, mais j'aurai dû être redirigé vers le C1155500.                                  |
| 287           | Georeturn. Ce n'est pas possible de modifier le retour géographique. Ce n'est pas possible de modifier le retour géographique: apparemment les calculs utilisés dans le module du georeturn ne prennent pas en compte les vraies données et génèrent des pourcentages avec un nombre excessif de chiffres décimales qui à son tour empêchent la validation des entrées (vidéo envoyée par e-mail)   |
| 288           | Commitment Line Screen. After deleting the numbers in the Note frame, IPCDB displays the Mils as not accrued. I have deleted the series of numbers which very often appears in the "Note" frame. As a result, IPCDB displays as not accrued the whole amount associated to the commitment line. As of now, it has happened in two cases, both referring to old commitments. For reference, look at the following: - C1464200 - PF290809 (Fund: E/0136-01Y)              |
| 290           | Commitment Line Screen. When a commitment line is modified that has cost milestones before 2010, these costs are deleted. When a commitment line is modified that has cost milestones before 2010, so without a confirmation number, the accrual date is removed from these milestones so in IPCDB these  |



## What's New 6.1.4 Release, December 2019

|     |   |
|-----|---|
|     | actual costs are deleted.   |
| 295 | Tab MPP. Inchoerence dans la facon de calculer les totaux entre les onglets Contract et MPP. Inchoerence dans la facon de calculer les totaux entre les onglets Contract et MPP (voir fichier en piece jointe Item 295.docx)  |
| 297 | WPM. Utilisateurs avec un profile Project controller ne peuvent pas utiliser le Module WPM. Utilisateurs avec un profile Project controller ne peuvent pas utiliser le Module WPM parce que le combo box project n'est pas renseigne.   |
| 299 | General. Export to Excel not working. L'export Excel ne fonctionne pas correctement. A vrai dire l'export est bien effectué mais une fois l'export effectué, un formatage des données est automatiquement appliqué ce qui a pour conséquence de retirer l'essentiel des données...  |
| 313 | Tab Contract. When milestones in an existing commitment line are split in MCP and MPP the MCP modification is deleted. When milestones in an existing commitment line are split in MCP and MPP the MCP modification is deleted at validation of the modification causing an unbalance between MCP and MPP.  |
| 320 | General. Budkey to be included in the "Modify panel". Dear Development team, Could you please add the "Budkey" modification option to the panel that appears when you right-click in either the "SAP" or the "Contract" tabs? (see attached image) Thank you in advance Krisztian Balczo  |
| 372 | Tab MPP. Tab MPP est lente. Version RC_2013.01.01 (et les versions antérieures) Quand tu cliques sur un milestone, cela fait 10 secondes d'attente. Les project controlleurs ainsi que les opérateurs racontaient souvent ce problème. Selon Filippo, il y a un query non-obligatoire que est fait dès qu'on clique sur le milestone. Il faut effacer cette partie du code. |
| 402 | Tab PT. Création milestones dans une cmtl: erreur duration doit être > 0  |
| 403 | Tab PT. Pas possible de cut et paste une WBS  |