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PROJECT OBJECTS\Contract Management

New Prisma Integration Requirements

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| --- | --- | --- | --- |
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# New Prisma Integration Requirements (PRJ CHange Orders)

* **Implementation logic**

It is required by ENEL to add new Fields in existing UC in **PRJ Change Orders** Form, to Update Dashboards with new fields, to Create an API to expose Some change Orders Fields, and to Complete Integration with PRISMA System some integrations are necessary in order to retrieve Data in POP Tables.

* **General implementation requisite**
* Creation of new Fields in existing UC in PRJ Change Order Form
* Creation of new dropdown with his table in POP
* Adding all new Fields/Dropdown in PRJ Change Orders Dashboards (UC Change Order Table)
* Creation of New API To Expose info and possibility to be called using different Parameters (PRJ Change Order Forms)
* Process to import Data from Enel system that will fill some POP Tables (dropdown already present in Change Order UC.

***HERE BELOW All THE POINTS WITH DETAILS:***

# Creation of new Fields in UC Table in UC PRJ Change Order Form

* **Implementation logic**

It is required by ENEL to add new Fields in existing UC “CHANGE ORDER ANALYSIS” in PRJ Change Orders Form

* **General implementation requisite**

|  |  |  |  |
| --- | --- | --- | --- |
| **New Fields Name:** | **Positioni of this field:** | **Field Details** | **Details on Calculation** |
| C.O. Cost Item Amount % | Between Field: **C.O. Cost Item Amount** and **C.O. Cost Item Equivalent Amount (€)** | Percentage % Field - Calculated | Calculated as:  **C.O. Cost Item Amount/Total Change Order Amount** |
| C.O. Cost Item Minimum Impact | After Field **C.O. Cost Item Amount (€)** | Amount Field - Manual |  |
| C.O. Cost Item Minimum Impact (€) | After Field **C.O. Cost Item Minimum Impact** | Amount Field - Calculated | **Calculated by POP using same Currency and Date as per " C.O. Cost Item Equivalent Amount (€)"** |
| Switch Optimization Name | Position of this Dropdown: After the Field: **Detailed Cause** | Dropdown Manual | Dropdown with **Realtime search**, showing: **Code** – **Description Details of this NEW DROPDOWN in the dedicated point below.** |
| Switch Optimization Savings | After New Dropdown: **Switch Optimization Name** | Amount Field - Manual |  |
| Switch Optimization Savings (€) | After Field **Switch Optimization Savings** | Amount Field - Calculated | **Calculated by POP using same Currency and Date as per " C.O. Cost Item Equivalent Amount (€)"** |

# Creation of new dropdown with his table in UC Table in POP PRJ Change Order Form

* **Implementation logic**

It is required by ENEL to add new Dropdown in existing UC “CHANGE ORDER ANALYSIS” in PRJ Change Orders Form

* **General implementation requisite**

Create a New Dropdown with new Table in Business Object Configuration to be managed manually in POP.

Dropdown should have Real Time Search, and showing Code and Description.

Dropdown Name: **Switch Optimization Name**

New Table Data Content:

|  |  |
| --- | --- |
| **Code** | **Description** |
| S2A01 | Remote Assistance with smart-glasses |
| S2A02 | GPS automated machines |
| S2A03 | Fast PV modules installation |
| S2A04 | Constr. progress reporting by contractors |
| S2A05 | Drones progress monitoring |
| S2A06 | Wind crane path optimizer |
| S2A07 | Ground Penetrating Radar |
| S2A08 | Pre-assembling of trackers (Hyperflex) |
| S2A09 | BIM modelling |
| S2A11 | Simos |
| S2A12 | Laser scanner |
| S2A00 | Other New Solution |
| S3P01 | Universal Template to ram all type of piles |
| S3P02 | Pile Ramming Machine with 1 FTE (with joystick, with universal template and auto-leveling) |
| S3P03 | Pile Ramming Machine with 1 FTE (without joystick and with universal template) |
| S3P04 | Rotatory Laser to align piles |
| S3T01 | Template for omegas installation (Soltec, PVH) |
| S3T02 | Template for omegas installation (Convert) |
| S3T03 | Template for clamp omega support (Convert) |
| S3T04 | Tracker Pre-assembly (on Site – Convert) |
| S3T05 | Template for motor support alignment |
| S3T06 | Rotatory Laser to align head posts |
| S3M01 | One riveter of modules (remachador) per two teams |
| S3P05 | Template for maintaining the verticality during the ramming (Convert) |
| S3P06 | Pneumatic pile ramming manual tool (solar cables) (Convert) |
| S3T07 | Digital Level to align trackers |
| S3E01 | Multiple reel support for LV cables |
| S3E02 | Reel lifting tool for MT cables |
| S3E03 | Battery Crimping tool |
| S3C01 | Hopper with conveyor belt |
| S3O00 | Other Field Best Practice |

# Adding all new Fields/Dropdown in PRJ Change Orders Dashboards (UC Change Order Table)

* **General implementation requisite**

It is required by ENEL to add all the new Field/Dropdown created in this requirement to existing Dashboards. (UC Change Order related Table)

# Creation of New API To Expose Change Order Data and possibility to be called using different Parameters (Change Order Forms)

* **Implementation logic**

It is required by ENEL to create new PRJ Change Order API to Expose the Fields indicated.

This API should have the possibility to be called WITH and/or WITHOUT parameters indicated in the requirement.

* **General implementation requisite**

This API should have the possibility to be called without parameters (exposing all the fields indicated)

This API should have also the possibility to be called by parameters:

Project Mercatus Code

Project Code

Contract N°

Supplier Code (SAP Code)

Supplier CUI Code

List of Fields to be Exposed in the New API (**Note: Some fields are not present in the form but they must be exposed** and used as API Call Parameters):

|  |  |  |
| --- | --- | --- |
| **Field** | **New Integration: Field to be EXPOSED in New API** | **Note** |
| C.O. ID Request | To be Shared with Prisma |  |
| Contract Currency | To be Shared with Prisma (Code) |  |
| Contract N° | To be Shared with Prisma |  |
| Issued C.O. Amount | To be Shared with Prisma |  |
| Issued C.O. Amount (€) | To be Shared with Prisma |  |
| Progressive number C.O. | To be Shared with Prisma |  |
| Project Code | To be Shared with Prisma |  |
| Project Name | To be Shared with Prisma |  |
| Project Mercatus Code | **Not present in Form but need To be Shared with Prisma** |  |
| SoW | To be Shared with Prisma |  |
| Supplier CUI CODE | **Not present in Form but need To be Shared with Prisma** |  |
| Supplier Code | To be Shared with Prisma |  |
| Supplier Name | To be Shared with Prisma |  |
| C.O. Cost Item Amount | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| C.O. Cost Item Amount % | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| C.O. Cost Item Minimum Impact | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| C.O. Cost Item Minimum Impact (€) | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| C.O. Estimated Amount | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| Cost Item Impacted | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| Main Cause | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| Detailed Cause | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| Explanation of Contract Amendment | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| Item ID | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| Merchandising Group | **Not present in Form but need to be Shared with Prisma Code and Description  (sharing the data in that field for the contract involved in the Change Order Object)** |  |
| Switch Optimization Name | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| Switch optimization Savings | To be Shared with Prisma | Table in Section: "Change Order Analysis" |
| Switch optimization Savings (€) | To be Shared with Prisma | Table in Section: "Change Order Analysis" |

# Process to import Data from Enel system that will fill some POP Tables (dropdown already present in Change Order UC)

* **Implementation logic**

It is required by ENEL to Create a process to import Data from Enel system that will fill some POP Tables (dropdown already present in Change Order UC).

* **General implementation requisite**

The Following Tables related to Dropdown present in UC in Tab Change Order Analysis in PRJ Change Order Form need to be filled importing data on a scheduled basis in POP.

* Main Cause
* Detailed Cause (By Main Cause)
* Cost Item Impacted (by Technology)

Job must be scheduled to retrieve the information (and Update POP Tables) every 24h. (insert those jobs with all other jobs that run in the morning).

**Enel will Provide all the details of the APIs to call.**