APXGIS

Quick reference info

Project

THIS FUNCTIONALITY APPLIES TO MOBILE AND WEB VERSION

March 2024

PROJECT

In APX GIS, **Layers** represent a method of organising element types by function or purpose.

Layers can reduce visual complexity within the map by hiding or displaying information that is not needed at a certain point in time.
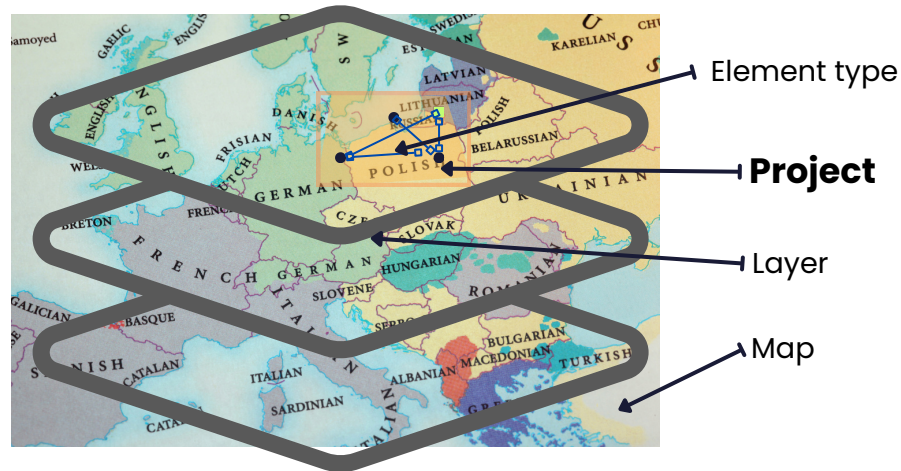
A **project** is an established area in which the element types of the fibre optic network are discharged.

Layers and projects are not related in a natural or default way, one way to relate them is by name. For example:

Project : barcelona-north
Layers : barcelona-north-cable, barcelona-north-duct, barcelona-north-splitterbox

GRAPHICAL REPRESENTATION

Project Types:

Area: This is the commonly used type, which allows us to consider that the elements to be mapped are located in an area with a defined shape.

Distribution Line: allows to consider a line on which the network elements will be mapped and is normally used to trace a feeder line from one village to another.

The different project types are defined by the client and can be edited via the menu: "**Administration > Codifiers > Project Type**".

PROJECT

APXGIS

Tools menu:

Show / Hide Project line: allows you to see or hide the perimeter line of the project.

Show / Hide close project area: allows you to see or hide the perimeter line of the project(s) around the current project, the system will mark the last one(s) in grey.
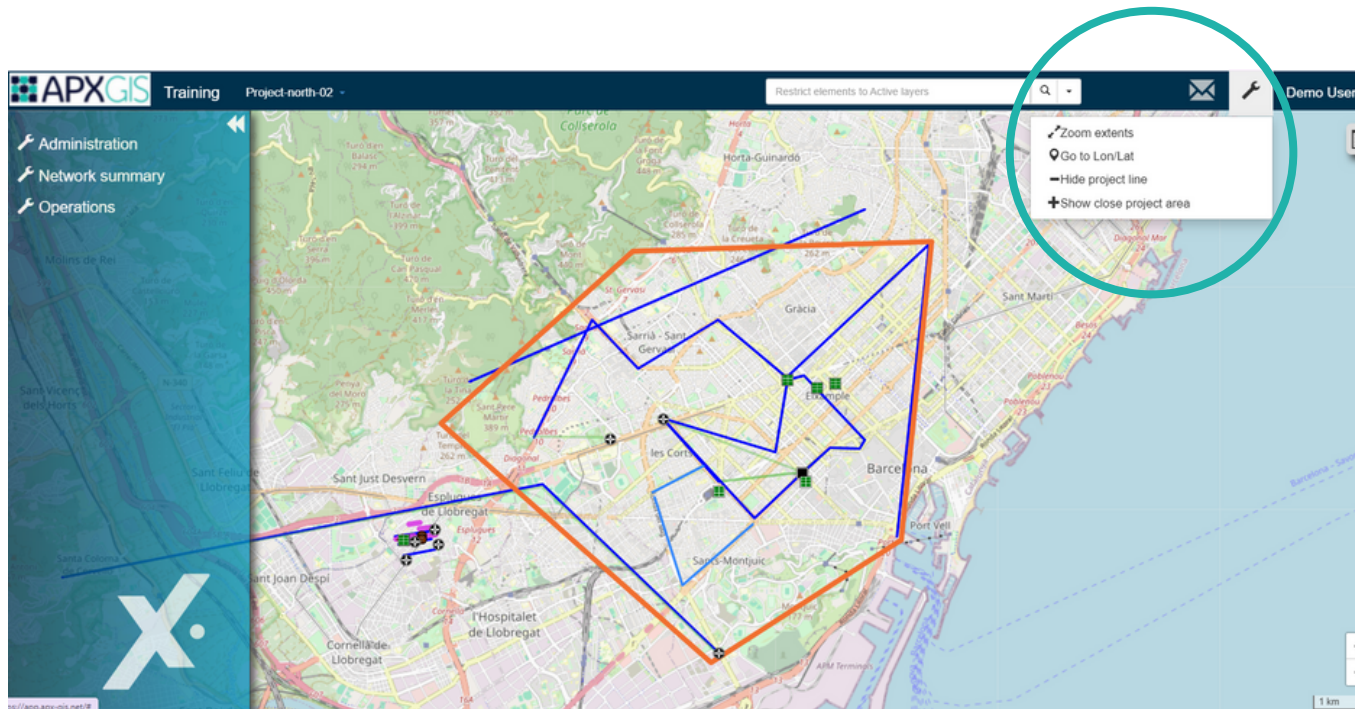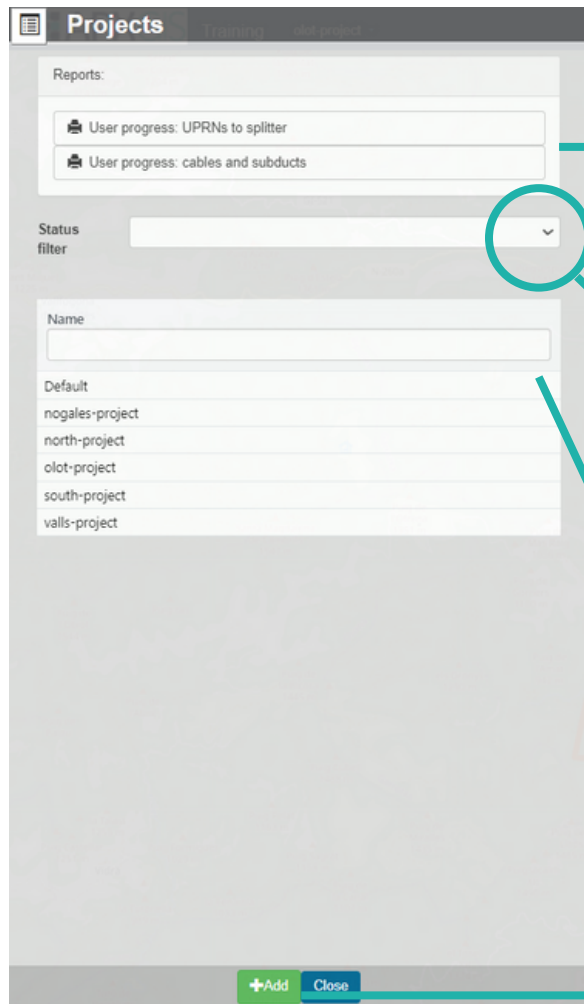
PROJECT - CREATE

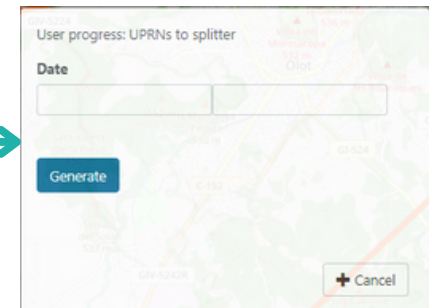1. To create or add a new project follow the path: **Administration > Projects**
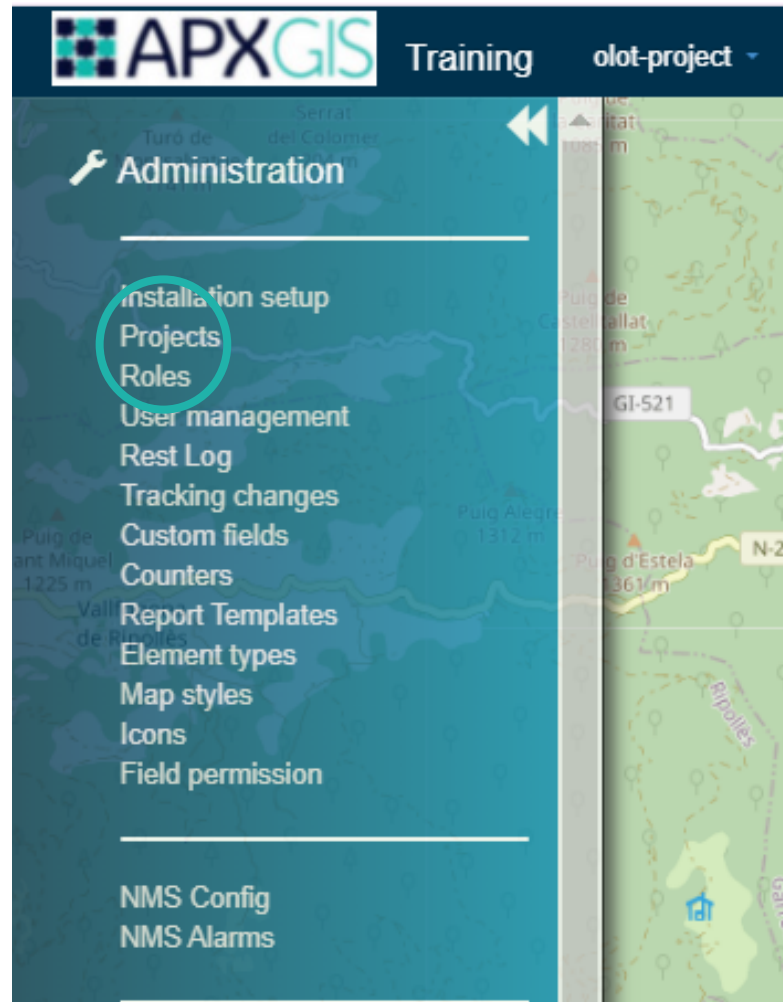
PROJECT - CREATE

2. "**Projects**" window (form) will open and a list of projects created will display and the following options are available:

Reports: When you select one of the reports, a window will open to enter the start date - end date. Delimit date and click "**Generate**" button.

Status filter: Click dropdown to select a status to filter all the projects displayed in this form.

List of projects:
You are able to search by name by typing it in the "**Name**" field.

Click "**+Add**" button to create a new project.
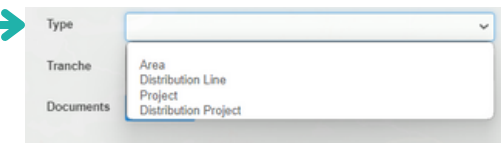
PROJECT - CREATE

3. "**Project**" window (form) will open, here the general data of the project must be entered:

Project name

Type of Project:

Area: This is the commonly used type, which allows us to consider that the elements to be mapped are located in an area with a defined shape.

Distribution Line: allows to consider a line on which the network elements will be mapped and is normally used to trace a feeder line from one village to another.

Documents: Any document related to the project can be added by clicking "**+Choose**" button.

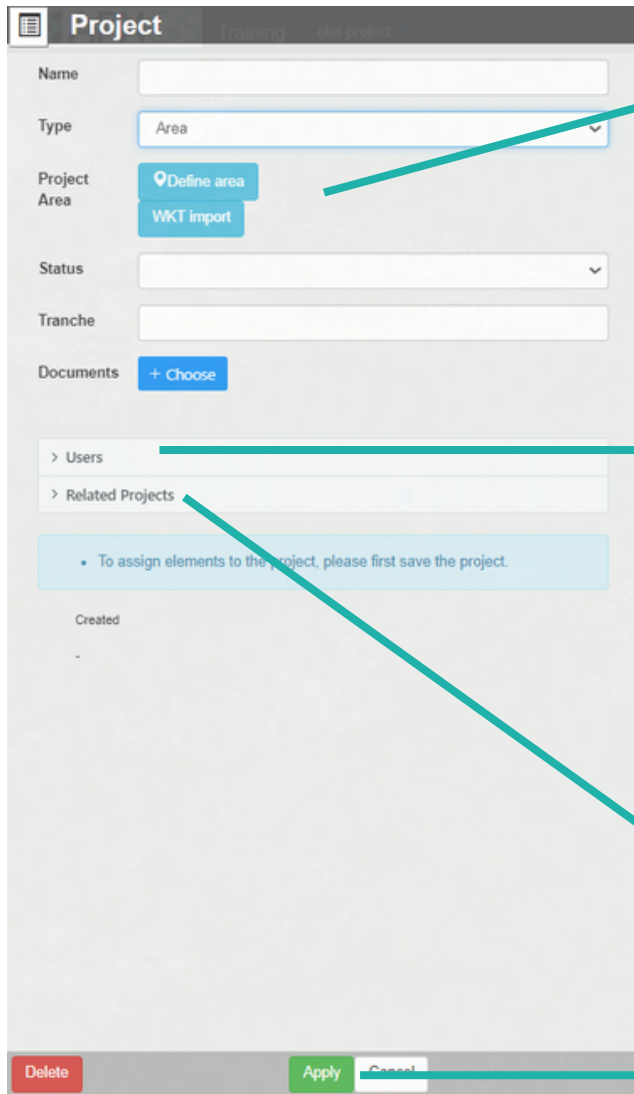**Remember**: The project must be saved before assigning elements to it.
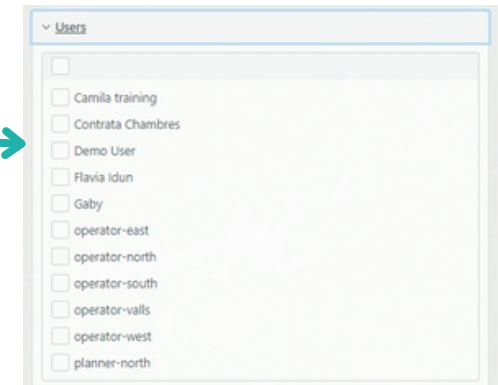
Click "**Apply**" button.

PROJECT - CREATE

4. When project's "**Type**" is defined, the following sections are displayed:
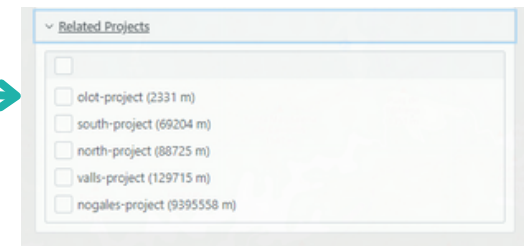
3)

Project Area: By clicking "**Define area**" button you will be able to draw the shape of the project area.

Users: By clicking dropdown section you will be able to select the users who will have access to the project.

Related Projects: By clicking dropdown section you will be able to select projects related to the one being created.

5. Once all fields have been completed, click "**Apply**" button.
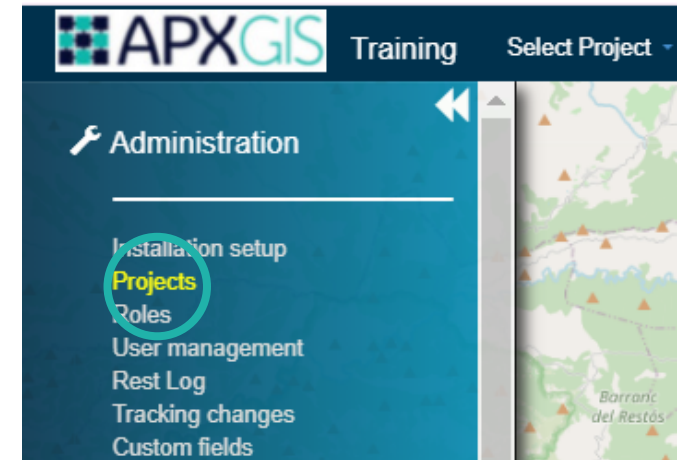
PROJECT - UPDATE

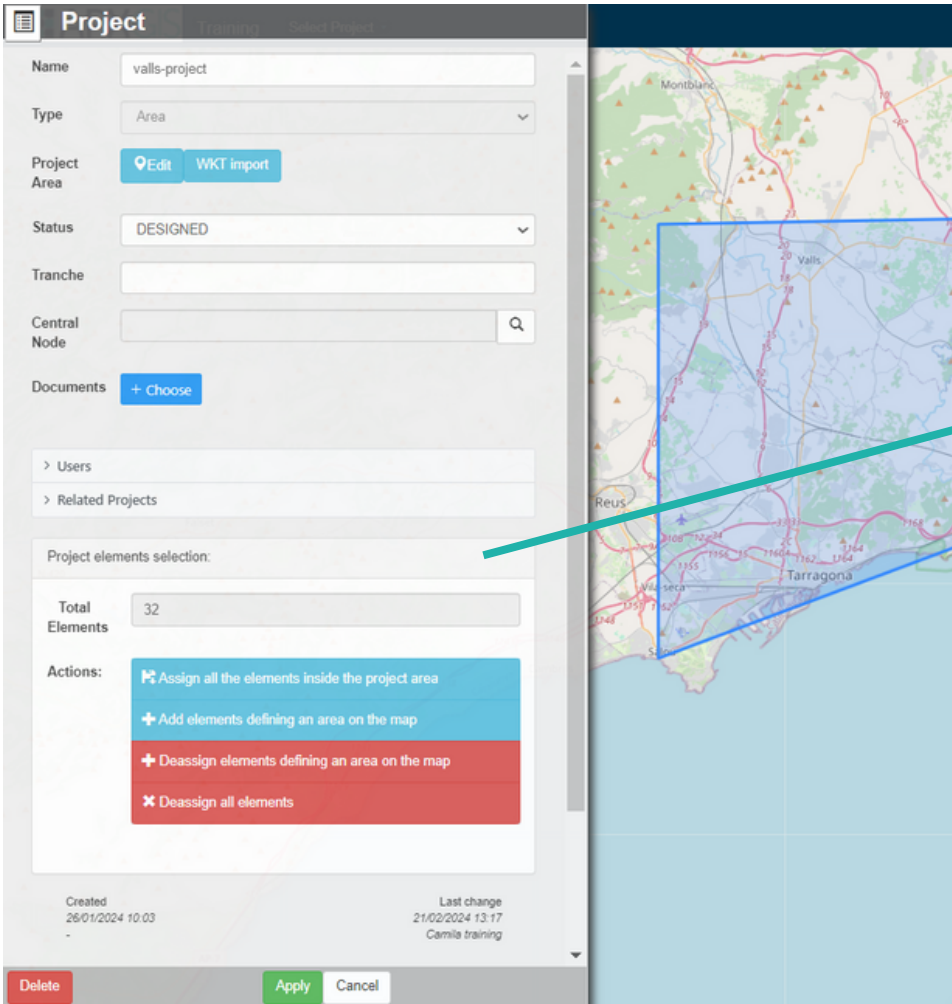1. Select the project to be updated by doing the following:

   a. Follow the path **Administration > Projects**

   b. Click the name of the project. In this example "**valls-project**" was selected.
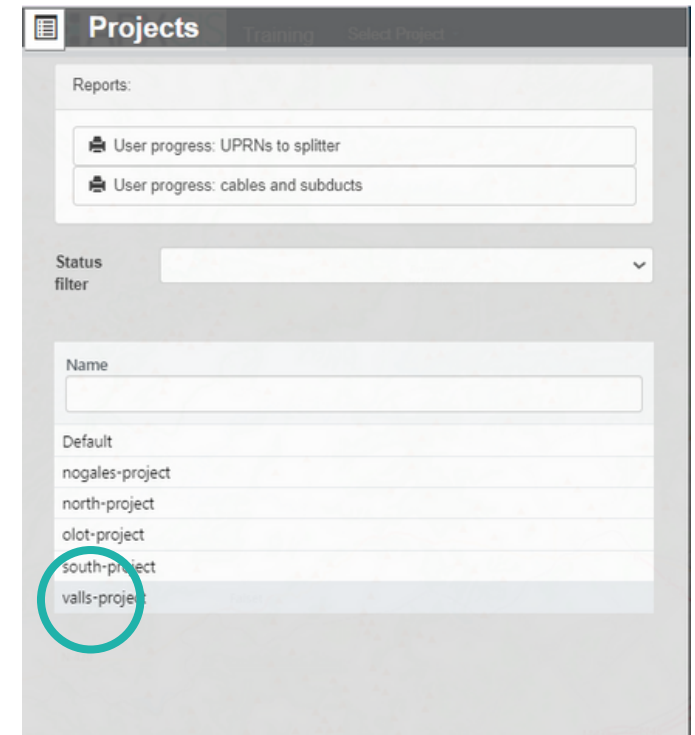
2. You can change the project data from this window:


- Name
- Status
- Tranche
- Documents
- Users
- Related projects

In the "**Project elements selection**" section, four buttons are displayed:
- Assign all elements inside the project area
- Add elements defining an area on the map
- Deassign elements defining an area in the map
- Deassign all elements

When you select one of these buttons, detailed step-by-step instructions will show you how to execute the action.

PROJECT - UPDATE

1. To add elements to a project:
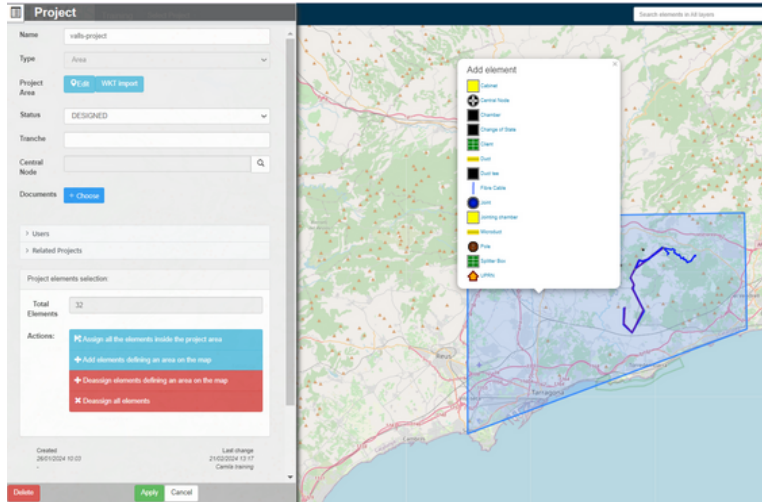
a. A good practice is to select the project first, follow the menu: **Administration > Projects** and select the project.
   "**Project**" window (form) will open and the project area on the map will be shown.

b. Position the cursor on the map, at the point where you want to locate the element and right click.
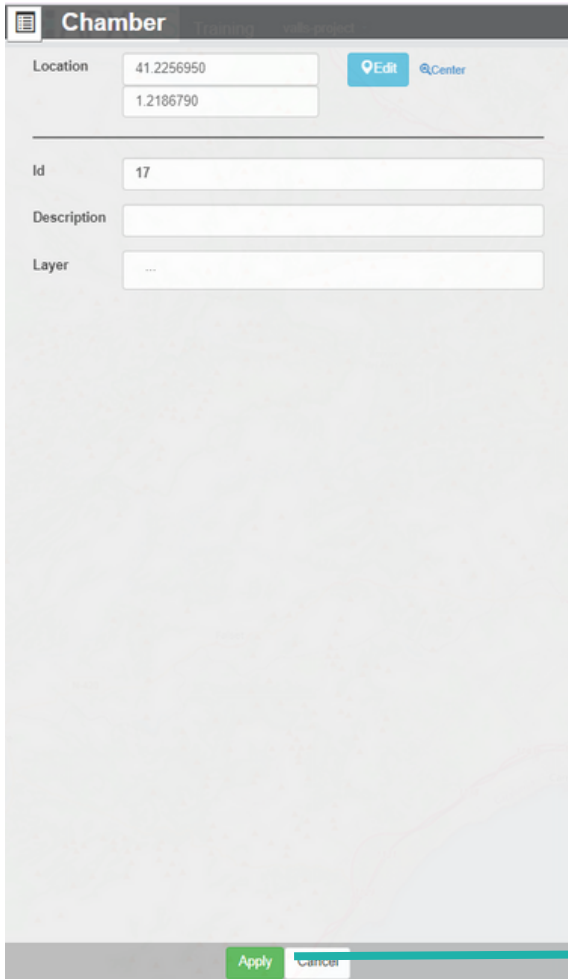
c. Select the element type from the "**element**" pop up.

d. Another way to add elements to a project is going through the menu:
   Operations > New (Element type)
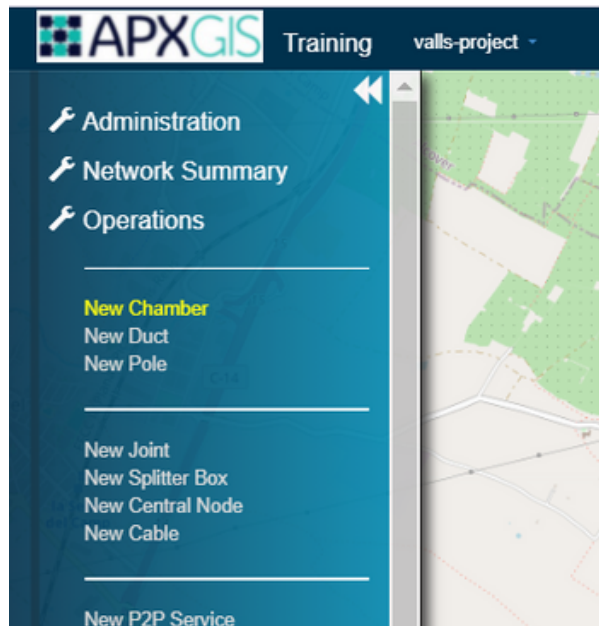
e. "**Element**" window (form) will be displayed.

When any element type is created, similar form will open and it will have 3 important fields that represent the basic information of the element and must be filled in:

- **ID** - a unique id that can be assigned manually or the programme asigns one If it has been configured in advanced a counter and assigned to the element type.

- **Description** - it is recommended to have

- **Layer** - select the layer or layers in which the element will be assigned

f. Click "**Apply**" button.

PROJECT - DELETE

1. To delete a project:

   a. Follow the menu: **Administration > Projects**
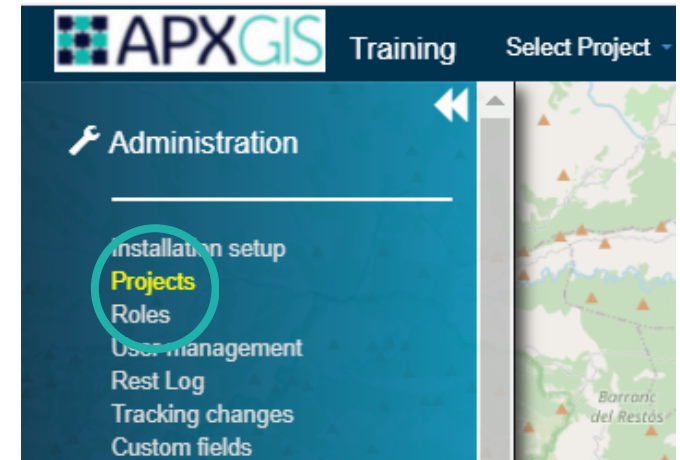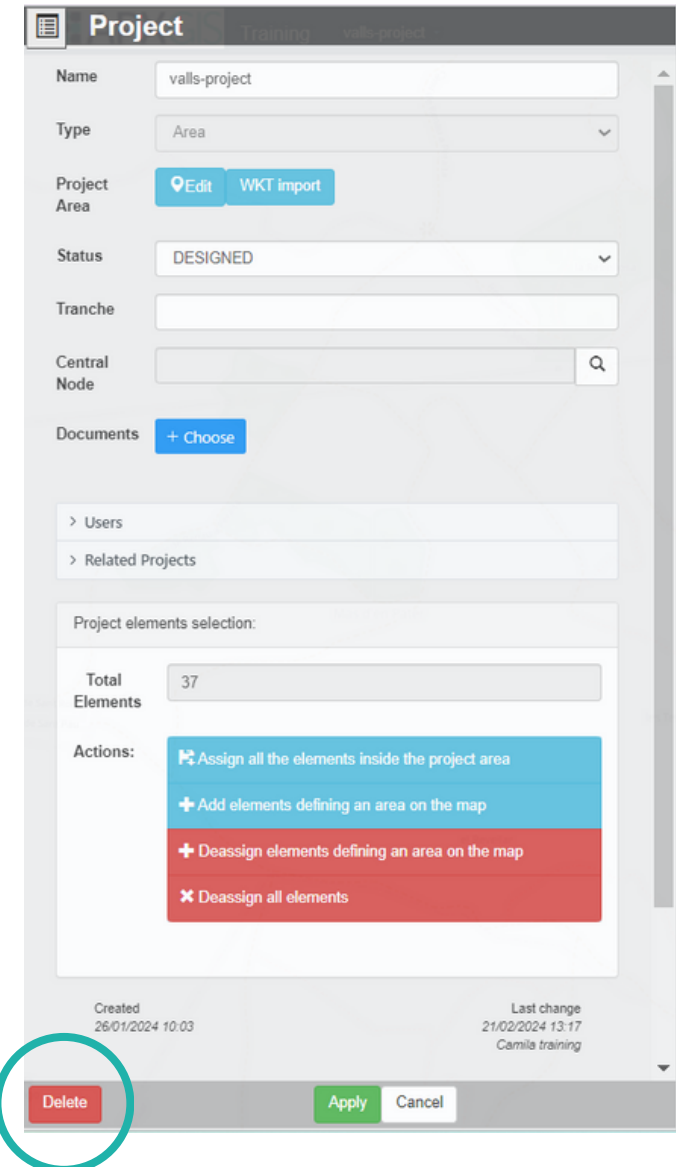
   b. "**Projects**" window will be displayed, select the project.
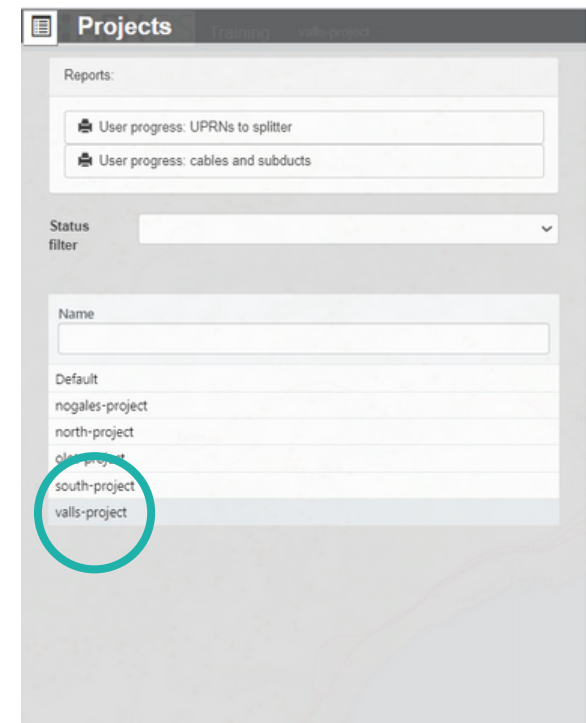
PROJECT - DELETE

c. **Project**" window will be displayed, click "**Delete**" button.