USER GUIDE

THE GCCALCULATOR TOOL

LOGIN PAGE

The GCCalculator and Visualization tool is available at:

http://parsec2.unicampania.it/~branco/gccalculator/

Once you have entered the page, you will need to log in by entering the credentials provided by SUN. (Email for account requests: dario.branco@studenti.unicampania.it, beniamino.dimartino@unicampania.it).
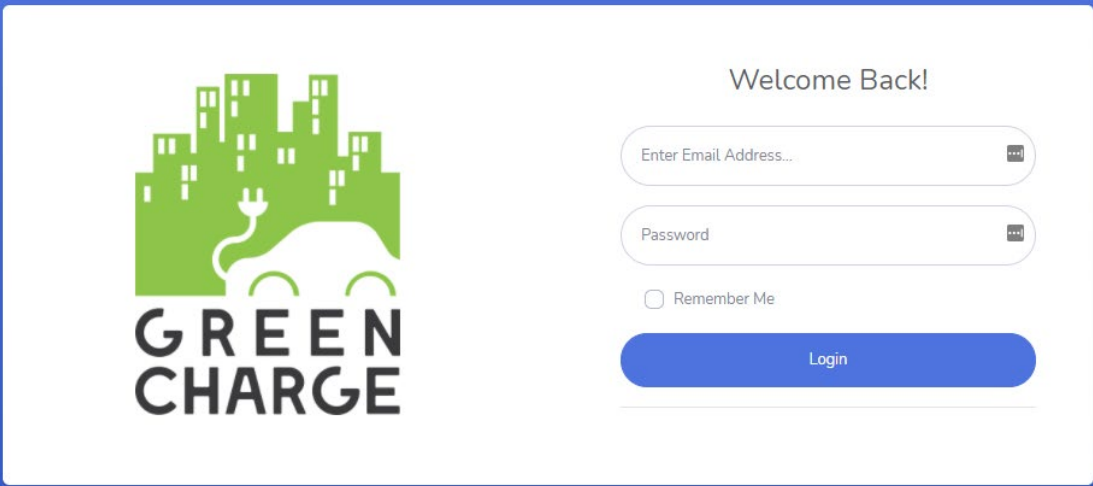

Figure 1 - Login Page

KPI'S VISUALIZATION

After the login process, which is carried out by entering your email and password, you are redirected to the main page of the visualizer.
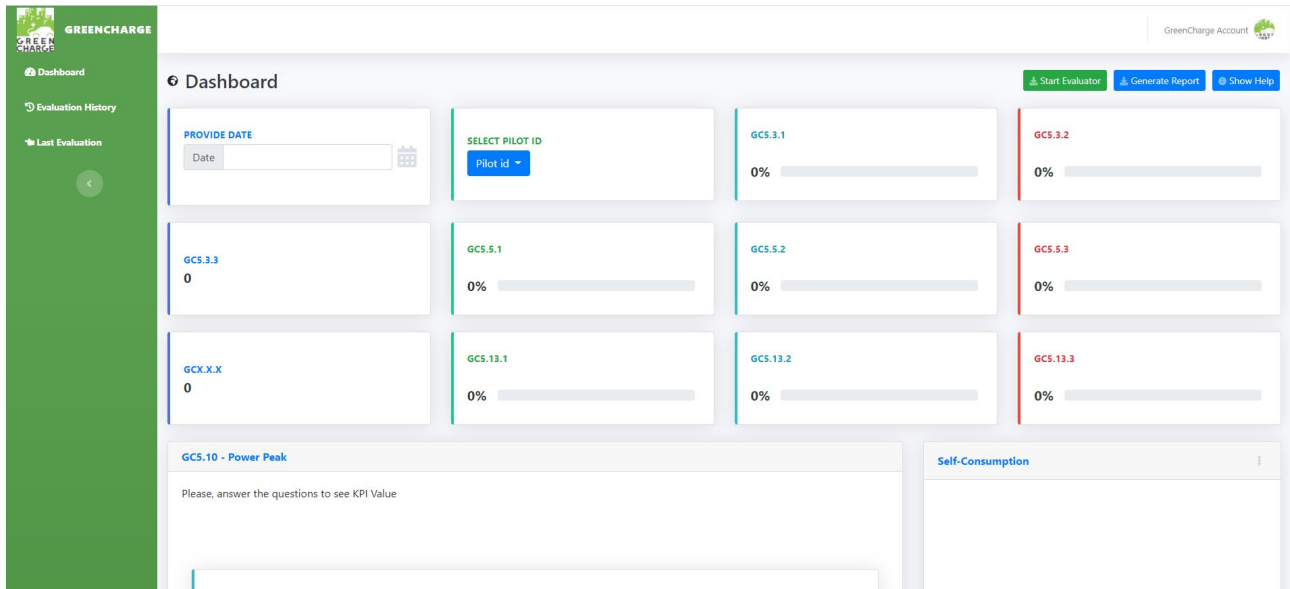

Figure 2 - Visualizer Main Page

On the main page we find a side menu and a central body. In the central body it is possible to go to view the various KPIs. To view the KPIs that do not concern the business, simply select a time interval we are interested in in the first tab at the top left exactly as in the next figure:
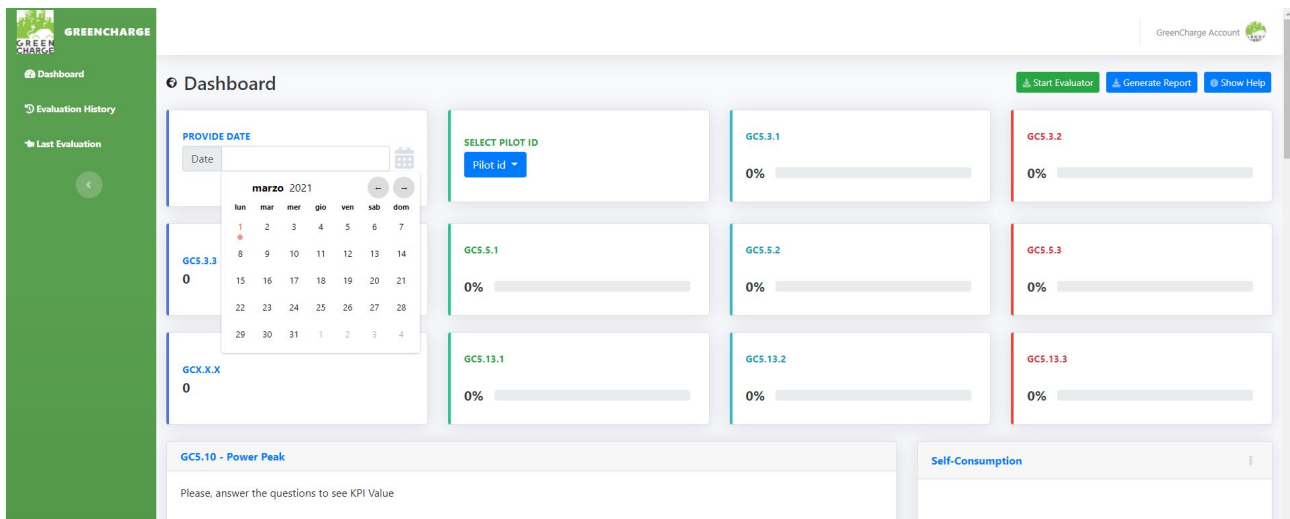

Figure 3 - Date Selection

And then choose the demo we are interested in from the dropdown to its right:
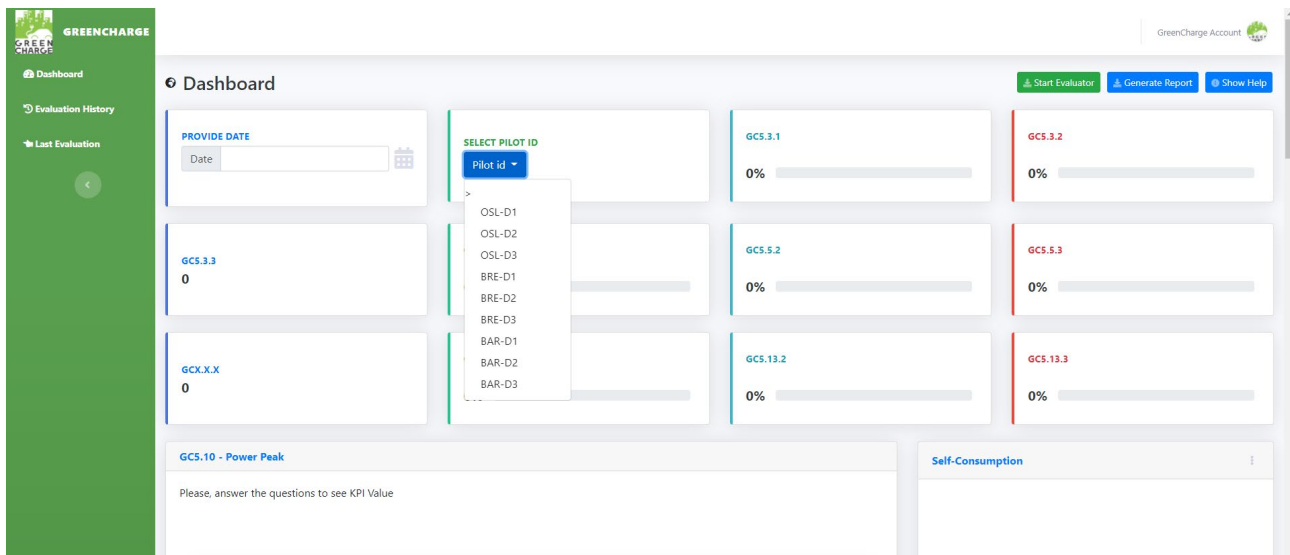
Figure 4 - Pilot Selection

Once the fields have been selected it will be sufficient to press the green button at the top right "Start Evaluation". Once the button is pressed, a loading screen will appear:
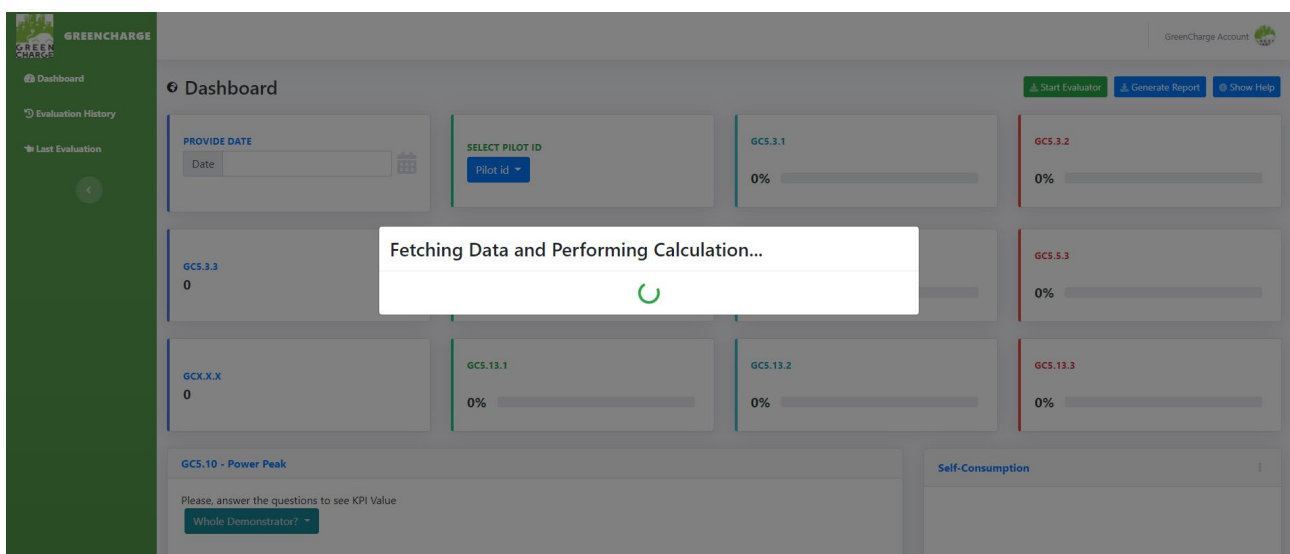

Figure 5 - Loading Screen

At the end of the calculation, the dashboard will automatically be shown showing the various KPIs calculated, including some percentage values and the the power consumption-production over time:
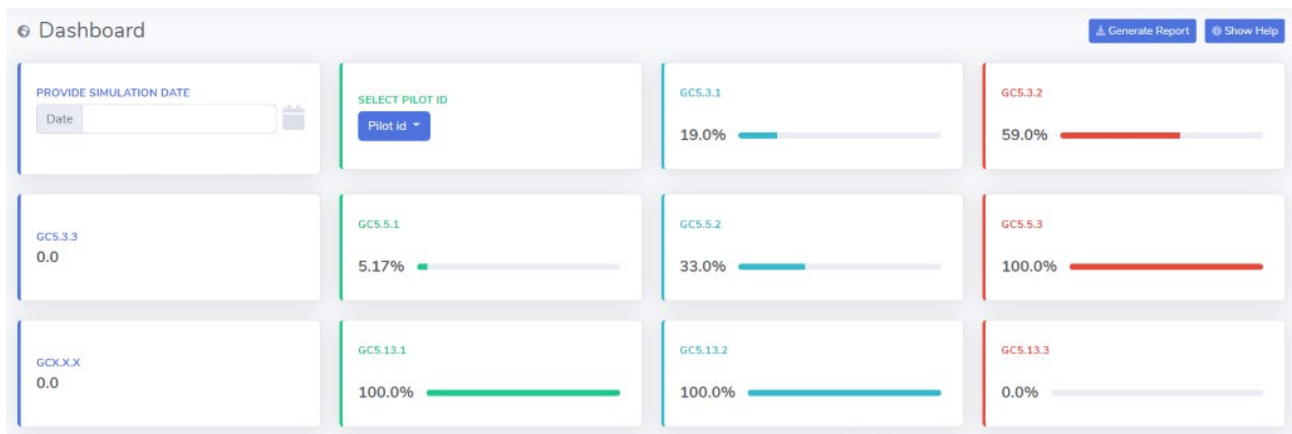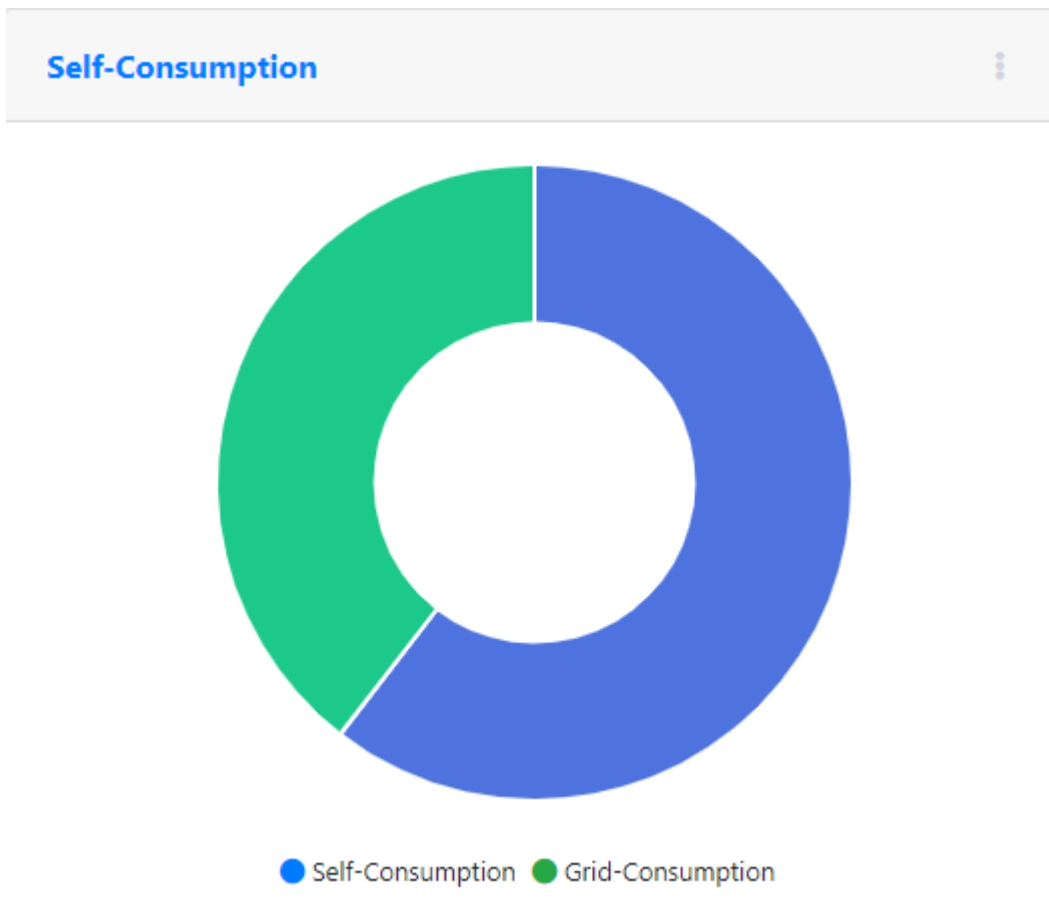
Figure 6 - Evaluation Example
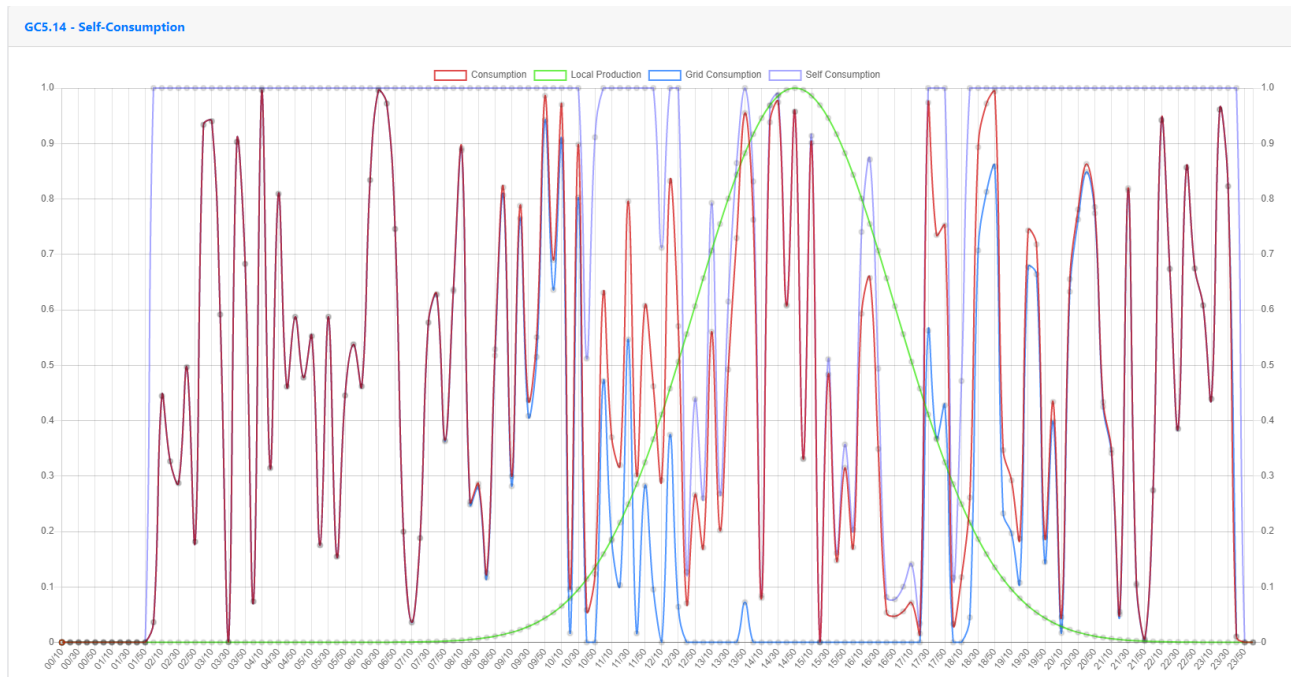

Figure 7 - Self-Consumption Pie Graph

Figure 8 - Power Consumption and Production

As for the business KPIs, the display is found further down on the main page and the input fields look like this:

Figure 9 - Business KPI Input View

Once selected, in order from left to right, all the required fields and pressed the "start evaluation" button, the previous loading page will be shown and, at the end of the calculation process, three graphs will be shown showing the business kpi divided by type of data (numbers, percentages, euro).
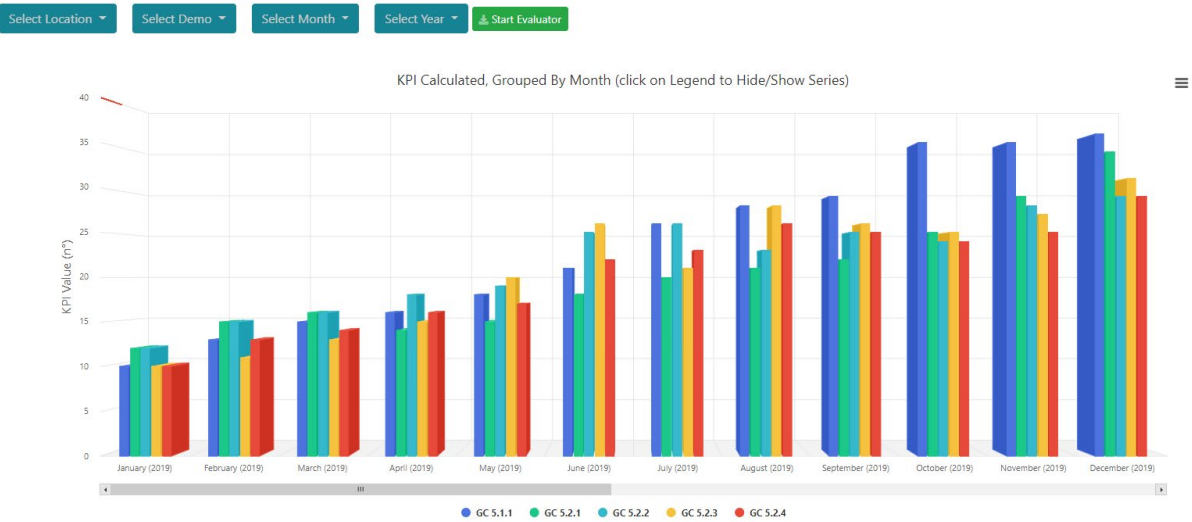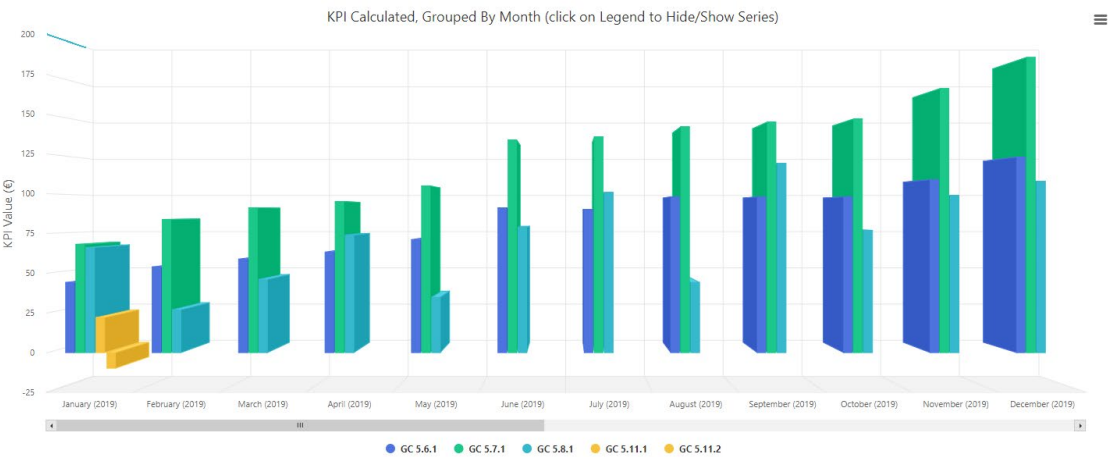

Figure 10 - Number Business KPI
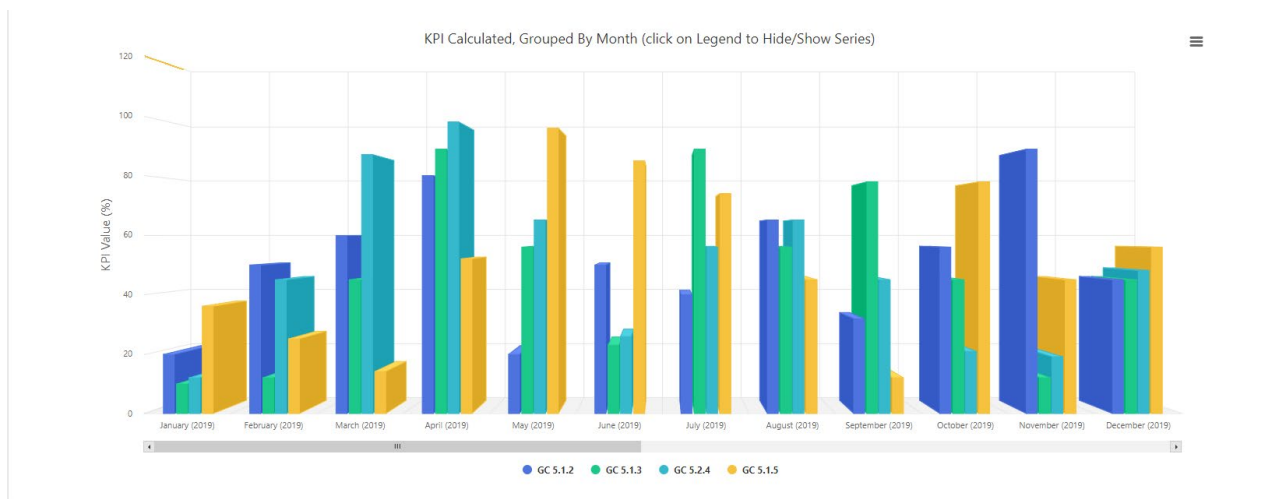

Figure 11 - Euro Business KPI

Figure 12 - Percentages Business KPI

The user can hide or show time series simply by pressing on the KPI he wants to hide / show in the legend at the bottom of the graph.

DATA EXPORT

It is possible to export the data of the KPIs calculated by simply clicking on the button at the top right: "generate report". It is also possible to export only the KPI graphs by clicking on the button at the top right of a graph, as shown in the figure:
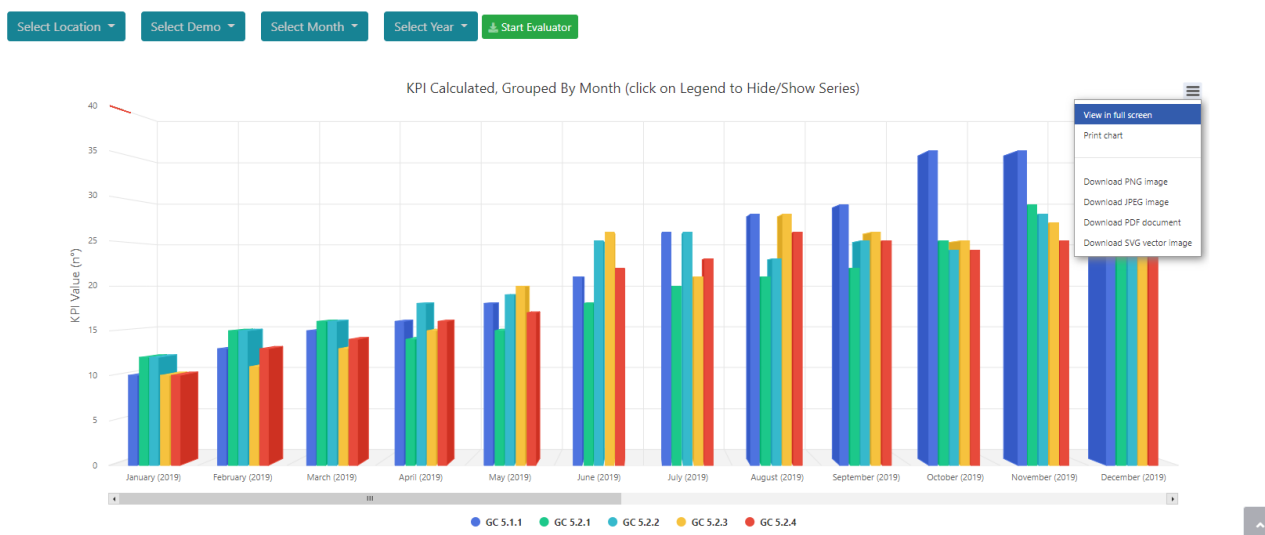

Figure 13 - Exporting Charts

As you can read from the figure, it is possible to print the graph but also download it in different formats.

As for the generate report button, instead, it will download an excel file with all the KPI values reported in table form.

EVALUATION HISTORY

From the side menu it is possible to view the history of the evaluations made for an account. By clicking, in the side menu, the button corresponding to the evaluation history, the following page will be shown, containing a table with the input data relating to the evaluation sessions previously performed:

Figure 14 - Evaluation History Table

HELP FUNCTION

By pressing the "Show Help" button at the top right, a pop-up menu will be shown on the left of the web page containing information on the KPI codes and their meaning exactly as shown in the figure:

Figure 15 - Show Help functionality