Global Dashboard User Manual

In this user manual, a complete walkthrough is given, through screenshots, to the final version of the Global Dashboard. The Global Dashboard is public and contains the final KPIs, calculated based on the data collected during the second pilot round. The same dataset was also used for the Impact Assessment studies. Overall, the project dashboard connects the test sites, use cases, and mapped KPIs, providing the broader picture and showing how the results from the pilots are linked to the project's impact assessment. The web-link to the Global Dashboard is provided here: https://augmentedccam.com/ccamresources/augmented-ccam-dashboard.

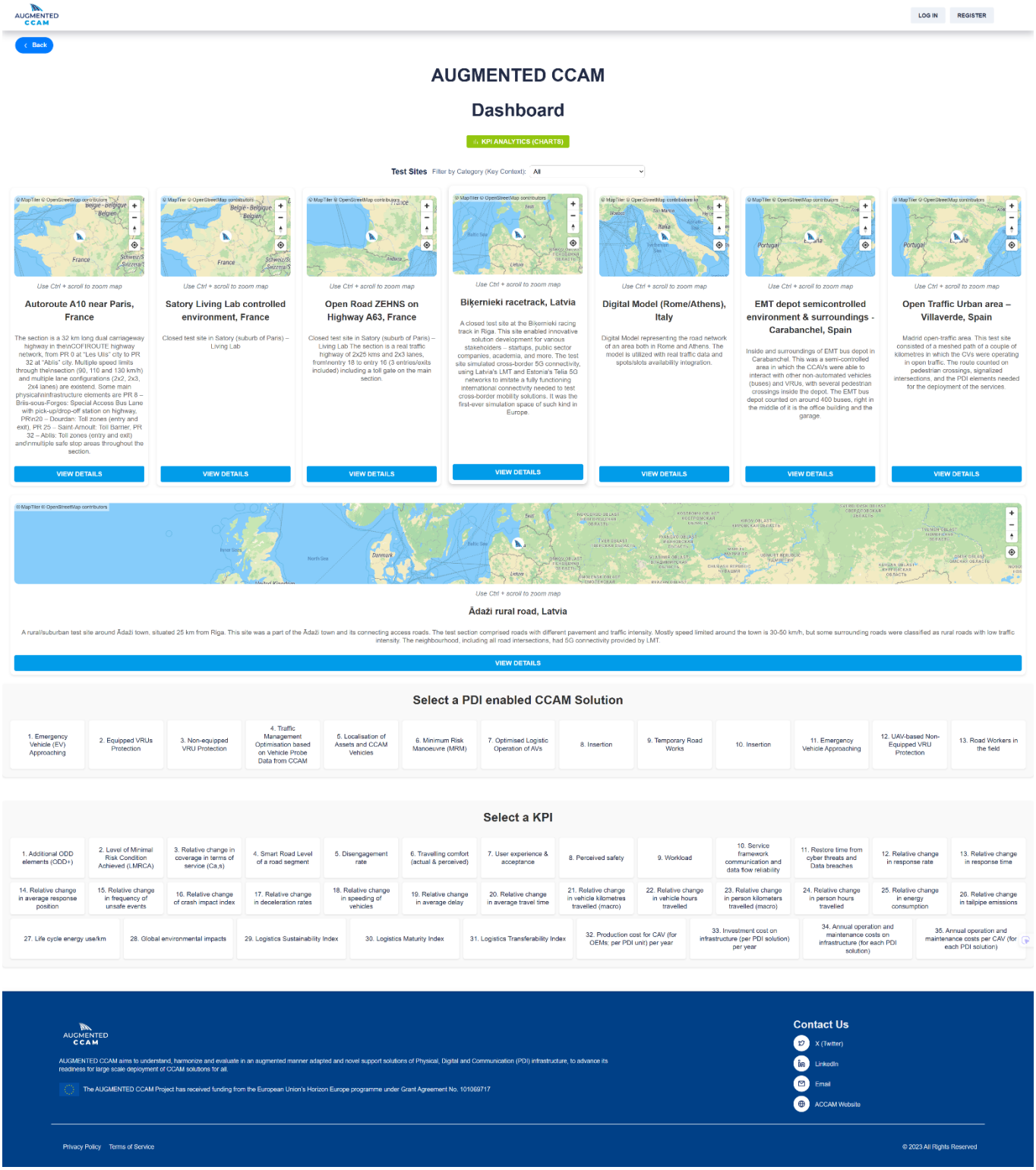

Figure 1 - ACCAM Global Dashboard Homepage

In Figure 1, the Homepage of the Global Dashboard is presented, which consists of three main parts. Firstly, all the AUGMENTED CCAM Test Sites are included in the top part, along with their descriptions. By clicking on the *View* Details button at one of the Test Sites, the user can explore the selected Test Site. More

specifically, they can see the route selected within the Test Site for the project, its description and the associated use cases/ PDI solutions, as shown in Figure 4. In the Test Site details screen (Fig. 3), the user can also explore the KPIs of the Use Cases implemented in the selected Test Site. In Figure 4, we have selected the EMT Bus Depot in Carabanchel, Madrid as an example and one can see the mentioned details. Finally, in the Homepage, there is also the ability to filter the Test Sites based on their key context through the *Filter by Category (Key (Traffic) Context)* drop-down menu included in the Figure below.

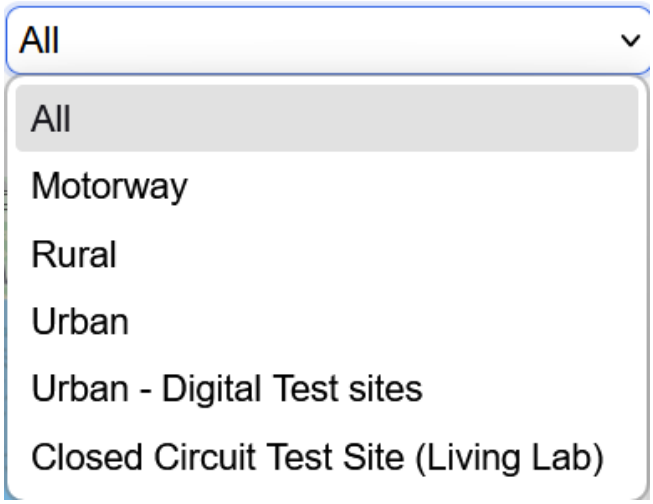

Figure 2 - Key (Traffic) Context filter options

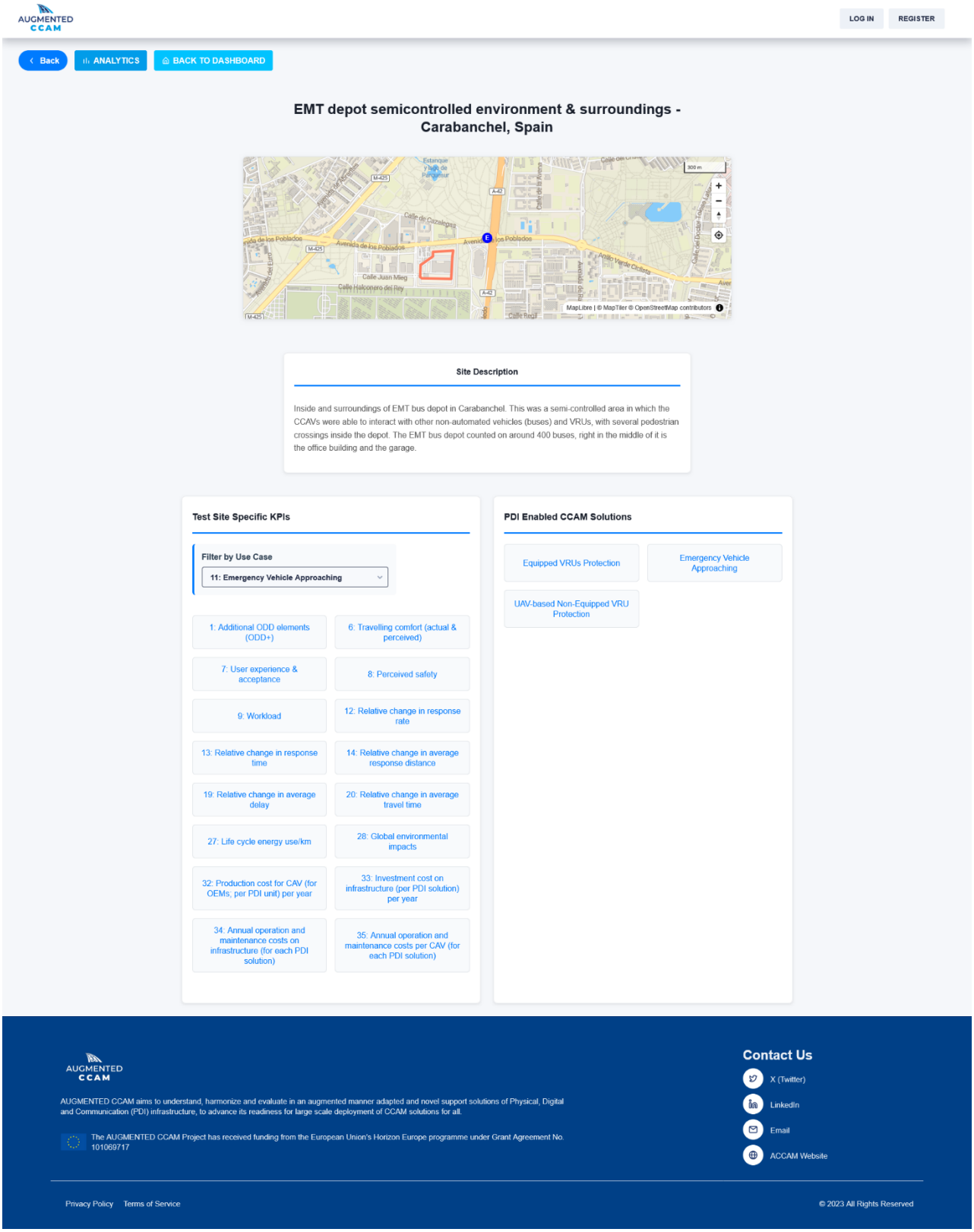

Figure 3 - Test Site details screen

In the second part of the Homepage, all the available AUGMENTED CCAM PDI solutions are presented, on which the user can click and learn more about them, their associated KPIs and Test Sites, as shown in Figure 4, in which we have selected the *Localisation of Assets and CCAM Vehicles* PDI enabled CCAM solution from the Homepage as an example.

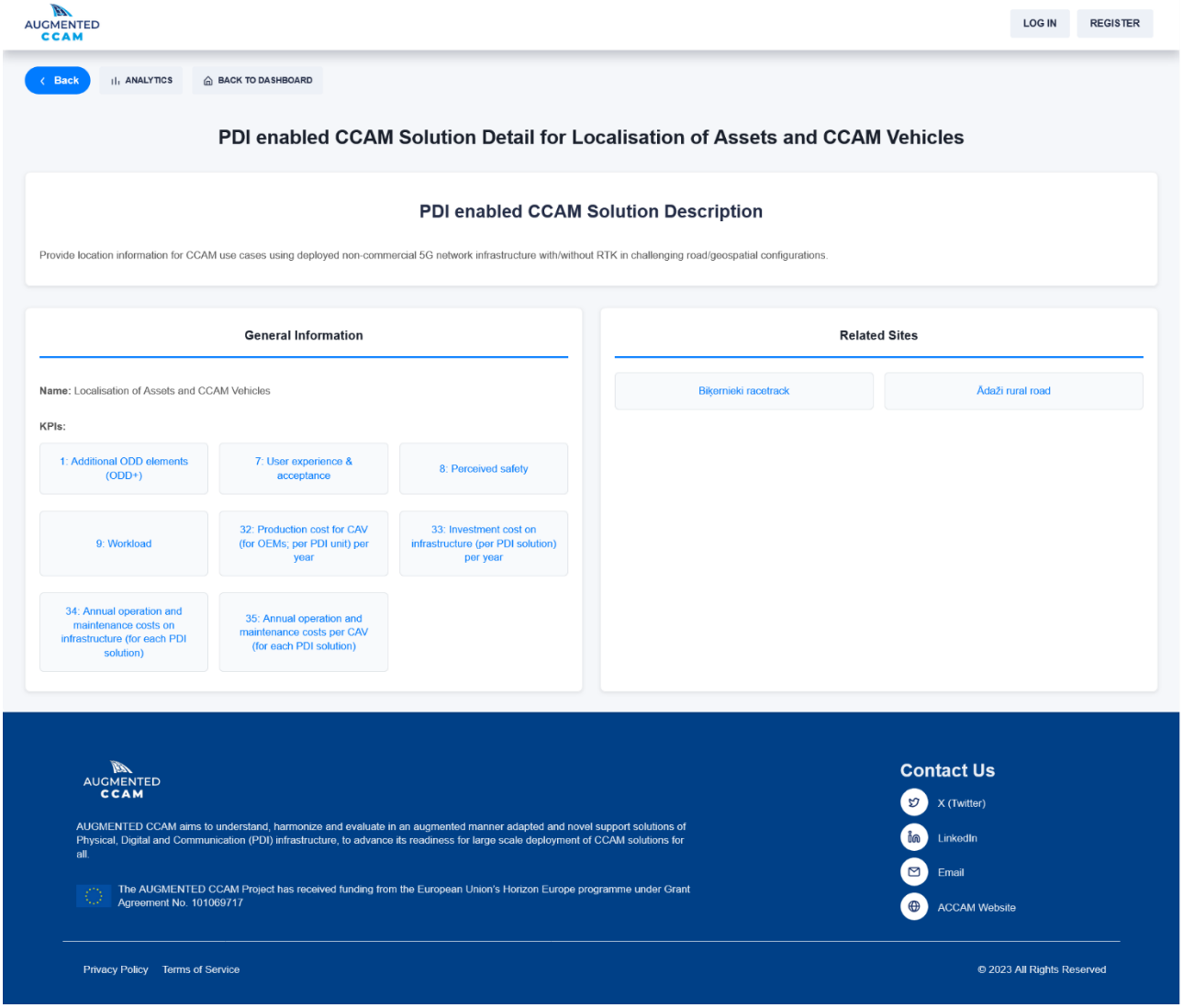

Figure 4 – PDI enabled CCAM Solution-specific screen

In the final part of the Homepage, all the available AUGMENTED CCAM KPIs are shown, and the user can click whichever they want to explore their description, values and associated Test Sites, as shown in Figure 5, in which we have selected KPI 1 – *Additional ODD elements (ODD+)* as an example.

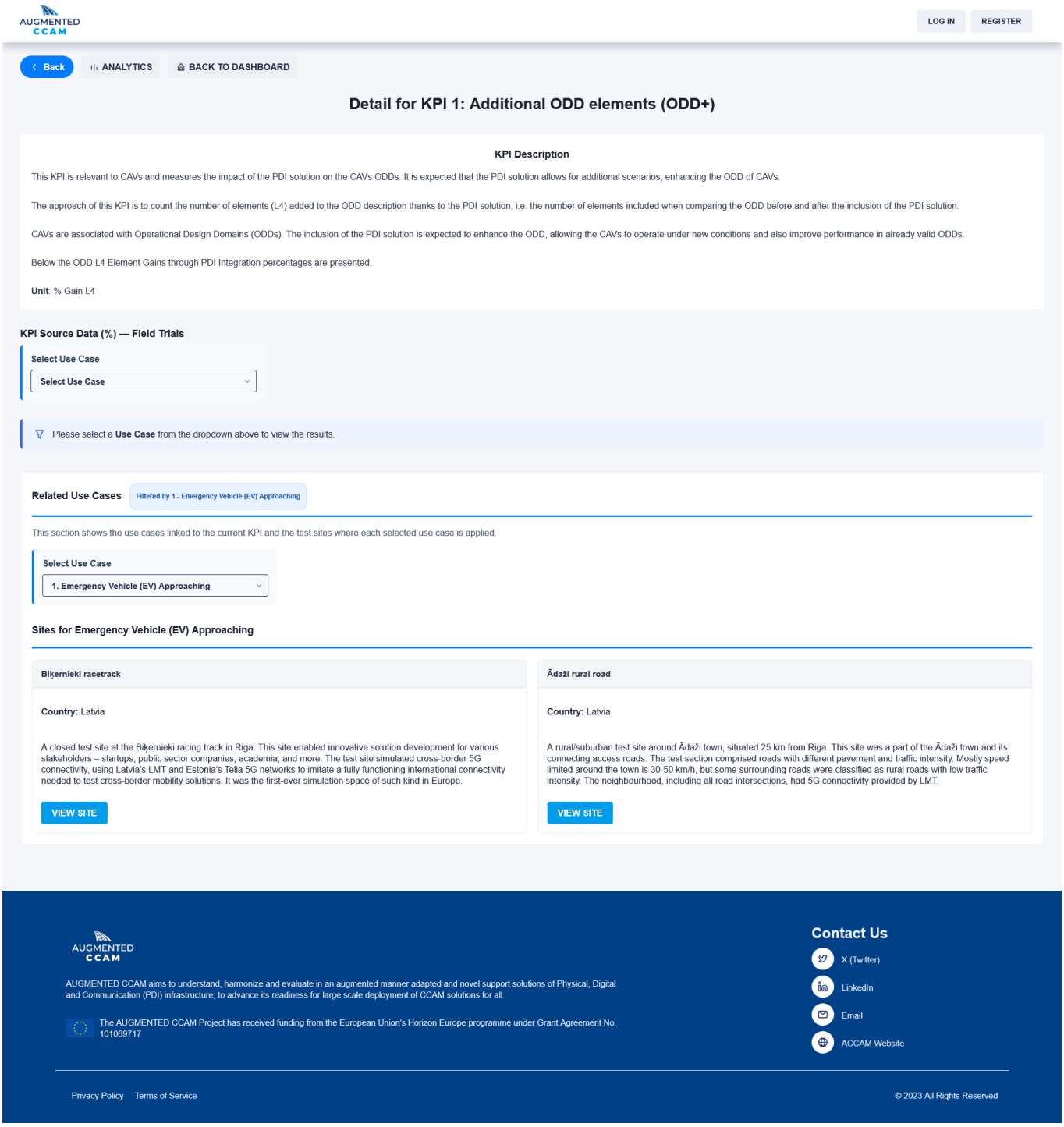

Figure 5 - KPI-specific screen

In the KPI-specific screen, the user can filter the results/values shown by use case if they select one from the drop-down menu named *Select Use Case* on the top left.

In general, a user can interchange between the screens mentioned above by clicking on the links between them which are represented by the associated Test Sites, Use Cases and KPIs found in each of the example

screens (Figures 3, 4 and 5) as an alternative way of navigating instead of always going through the Dashboard Homepage.

The final major screen of the Dashboard is the Analytics screen. This one can be accessed either from the Homepage green button on the top, shown in Figure 6, or by clicking on the *Analytics* button included on the top left in each of the example screens (Figures 4, 5 and 6).

Figure 6 - Analytics button - Homepage

Specifically, if the user selects to navigate to the *Analytics* screen by clicking on the *Analytics* button included in the *KPI-specific screen*, they reach the *Analytics* screen which shows the visualizations of the specific KPI they had selected on the previous screen. If they access the *Analytics* screen in any other way, then they get the default screen asking them to pick a KPI to present the visualizations, as shown in Figure 7.

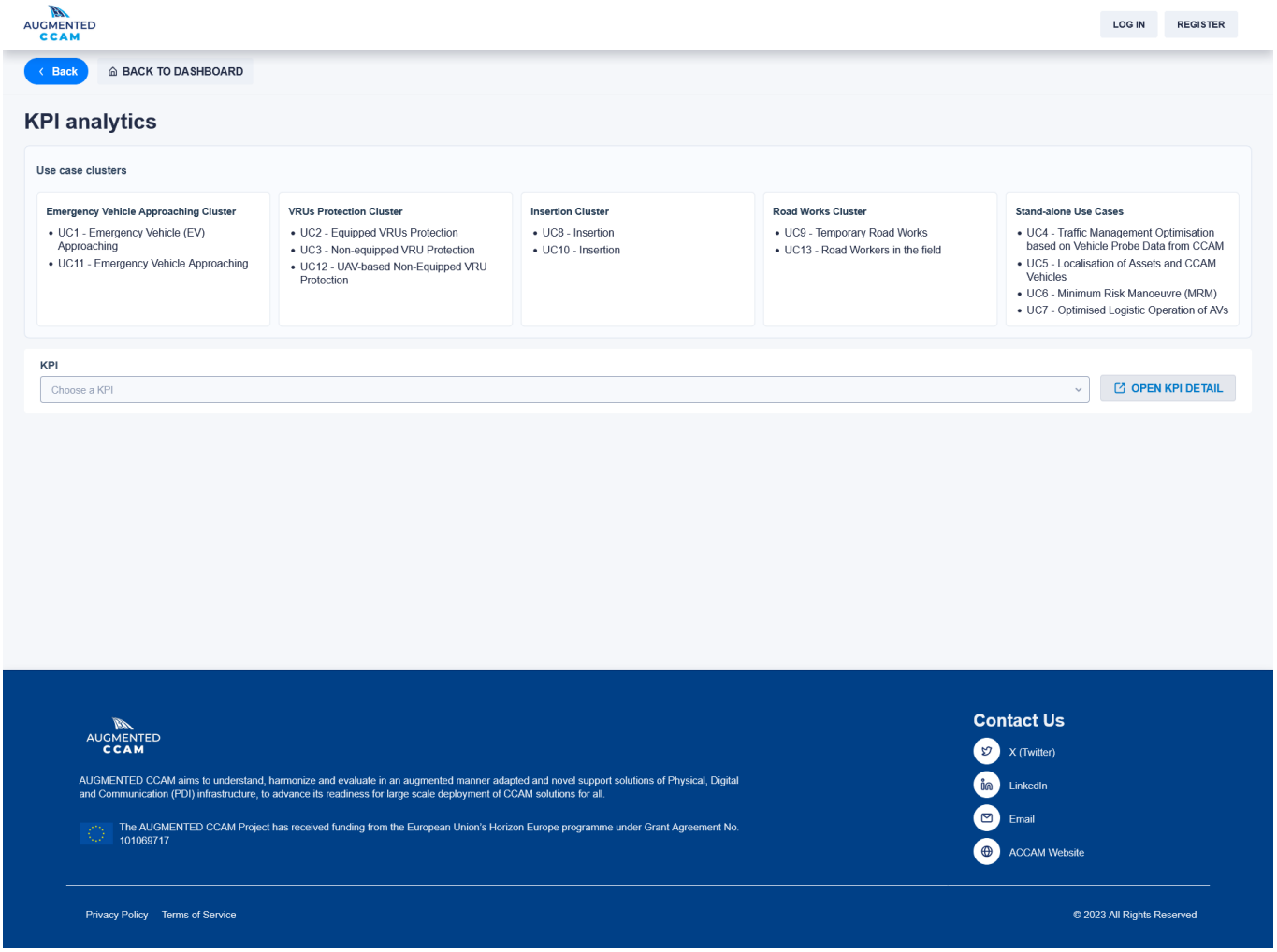

Figure 7 - Analytics default screen

The figures provided below present some examples of the visualisations provided by the Dashboard, where we have selected KPIs 1, 19 and 27 as examples.

Figure 8 - KPI 1 analytics

Figure 9 - KPI 19 analytics

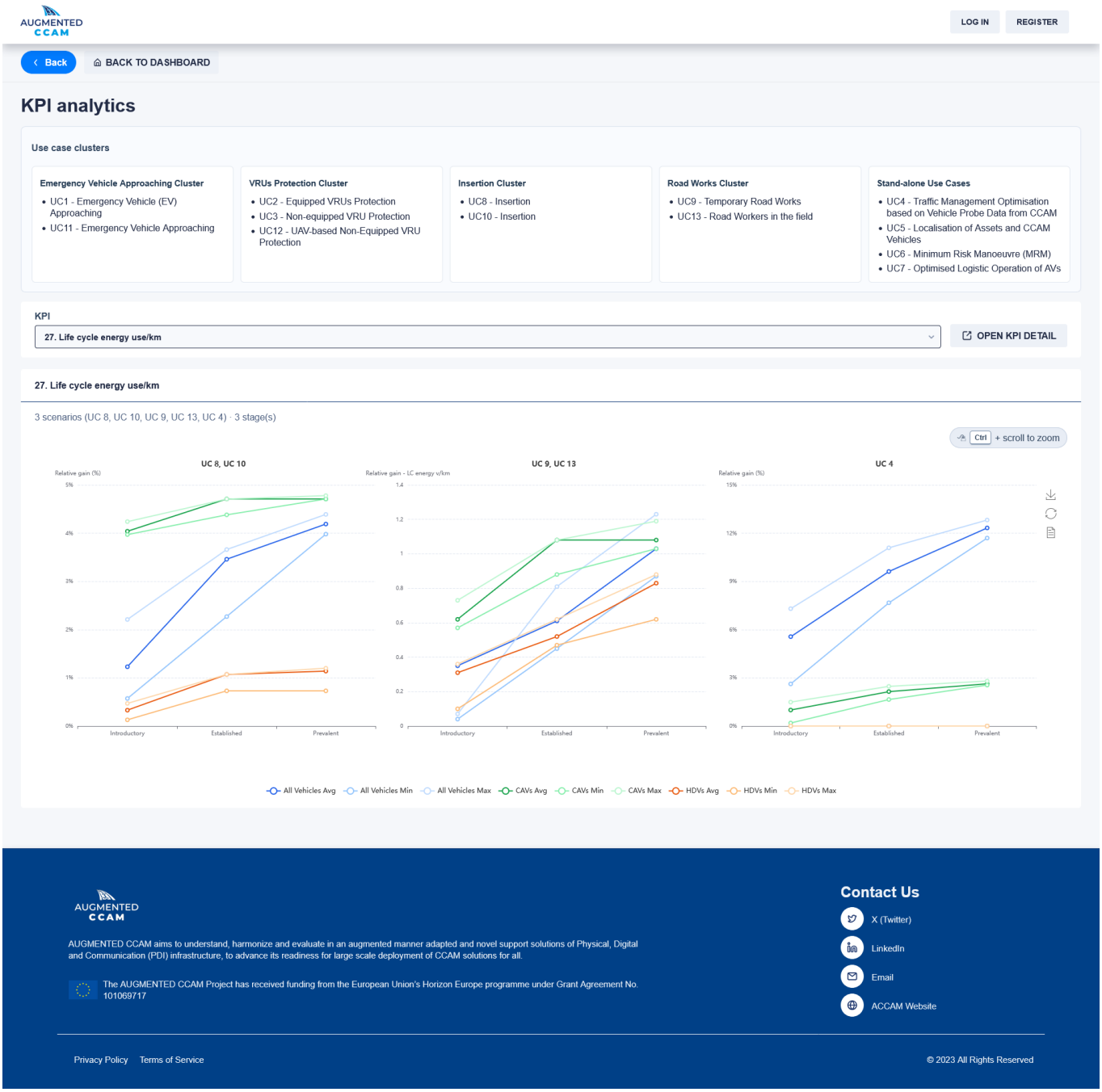

Figure 10 - KPI 27 analytics

By using the buttons provided on the right side of the analytics, the user can zoom in or out in the charts to focus on the values of interest, change visualizations, download the results as images and inspect the data tables for each visualization. Finally, by hovering over the charts with their mouse, the user can inspect the specific values of the selected KPIs for each applicable Use Case.