

VAL_02: Creation of a network of multimodal hubs

Activities towards demonstration (How?)

Completion of the preparation activities

Refine the design of the display interface

IBV, with extensive expertise in evaluating interface usability, will assess the display interfaces designed by ETRA, taking into account various user profiles. This evaluation will result in a set of recommendations for enhancement. ETRA will refine the interface based on IBV's suggestions to the extent feasible. The final interface will be validated by EMT.

Finalise the prototype of the multimodal post

The design of the vinyl for the post will be finalized. Additionally, comprehensive testing will be conducted to ensure the entire solution is protected against water. The final prototype will be validated by EMT.

Finalise the integration of information

Real-time information from bus and shared bike services has been successfully integrated. The integration of real-time data from peri-urban buses, the metro, and train services needs to be completed.

Preliminary works

Purchase of material

Once the prototype is ready and validated by EMT, ETRA will proceed to buy the necessary material to construct the remaining multimodal panels (including the digital displays, sensors, vinyl...). PRIMUR will send to ETRA the 5 poles.

Request of permits for the multimodal posts' deployment

EMT will request the required permits to the Valencia City Hall to install the multimodal panels.

Approval of the new express line (Line 81)

A first study has been conducted to evaluate the feasibility and convenience to implement changes in the Line 81, so as to make it an express line. However, the final approval of such changes is subject to the master plan.

Deployment and integration

Assembly of the multimodal panels

Once the materials are received, the assembly of the multimodal panels can start. Assembly will proceed only when the installation dates are confirmed. This is especially relevant for the panels to be installed on Blasco Ibañez Avenue, as their timeline is dependent on the ongoing construction work in the corridor (VAL_01).

Installation of the multimodal panels

The installation will take place in several phases, depending on the progress of the construction works in Blasco Ibañez Avenue. The first multimodal panels to be installed will be those at Puerta del Mar and Xàtiva station. The remaining panels will be installed as the construction works are completed.

Implement changes in the Line 81



In case the changes in the Line 81 are finally approved by the “Master plan”, the changes will be implemented. However, the new express line can only start its operation once the construction works of the entire Blasco Ibañez Avenue are finalised, i.e., once the entire BRT corridor is in place (expected by the end of 2025).

Demonstration activities

Run the bus Line 81, with the changes already implemented

EMT will run the new service and collect the required data to assess its effectiveness.

Monitoring and maintenance of multimodal panels

Check the correct functioning of the multimodal panels during the demonstration phase and, in case of failure or need for repair, implement the necessary maintenance measures.

Data collection

Data will be collected at least every 6 months from the beginning of the demonstration phase to subsequently calculate the KPIs already defined for the measure. The data collected to calculate the KPIs will also feed U-SUMP to allow the municipality and the PTO (EMT) to have a good control of the impact achieved so far with the measure.

In addition, the possibility of using U-GOV to collect feedback from PT users in the Blasco Ibañez area will be evaluated. The mechanisms to monitor the remaining KPIs are already in place, so there is no need to deploy additional sensors.

