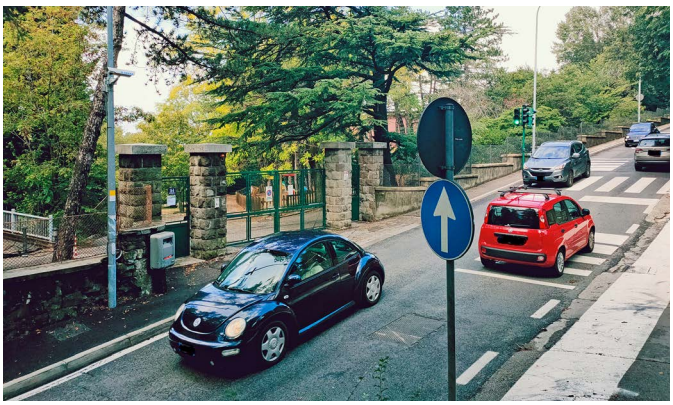
2020 CiViTAS
Cleaner and better transport in cities

PORTIS

CITY FACTSHEET TRIESTE

CONTROLLING URBAN ACCESS



As part of the CIVITAS PORTIS project, the city of Trieste created an urban accesses control system in order to monitor the traffic flows (both cars and heavy vehicles) entering/leaving the city through specific entry points near and some specific areas inside the city center.

This urban accesses control system has the goal to collect traffic data which will be used for transport and urban planning, for new strategies of smart mobility, for updated the platform information system, as well as for the enhacement of multimodal solutions.

CONTEXT & CHALLENGES

The main objectives of this measure are to control urban accesses and to collect important traffic data. According to the Urban Traffic Master Plan one of the most important aims of the City of Trieste is the reduction of car usage, traffic congestion and the related pollution. Different solutions have been presented in order to meet this target. A smart one is the development of an urban accesses control system, checking both the main entry points and some specific areas inside the city center.

The system that was developed within CIVITAS PORTIS consists of cameras and it is aimed to collect traffic data to be used to devise city's transport and urban planning, new strategy for smart mobilities solutions, enhancement of multimodal mobility systems. In particular, the traffic data are used in the SUMP development and will feed the transport information platform in order to give real time information.

The cameras are license plate reading cameras and have the same technical characteristics as those already installed and managed by the local police. So they will be part of a single integrated system.

Thanks to this measure, the City of Trieste was able to elaborate a detailed benchmarking analysis about traffic control systems (devices for traffic detection and traffic data collection) meeting the technical requirement and the IT architecture of the cameras already installed in the city.

Through this measure, Trieste installed new detectors in defined city access points to monitor the traffic flows and to provide the users the best possible journey solutions and to reduce congestion and air pollution. The monitoring activity of specific areas of the city is aimed also to preserve the soft mobility and to guarantee the observance of the mobility rules.

RESULTS - FINDINGS - LESSONS LEARNED

• **Result 1:** Trieste Municipality, thanks to an urban access control system, performed an in-depth analysis of market availability in the field of data collection referred to vehicle and pedestrian traffic flows.

• **Result 2:** Technical meetings with stakeholders have contributed to the identification of monitoring sections and the definition of requirements of the devices to be installed, influencing positively the implementation of this measure.

• **Lesson 1:** Due to the possible rigidity in the legislation, it is better to prefer conventional and widely-used technological solutions instead of searching for particular and too innovative devices.

• **Lesson 2:** An information platform can yield useful real time information, gathered by the controlling urban access devices, in order to provide the users the best possible journey solutions and to reduce congestion and air pollution.

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