



S.LI.DES. Project Newsletter #4



The new dashboard was born!

It is available the prototype of the city dashboard, a control panel that, through a web interface, will allow all the project partners and the local municipalities to evaluate the tourist and non-tourist performances of cities, the trend of visitor flows in the area and the distribution of craft activities.

The dashboard collects data about the state of art of city's performances and integrates the mobility models that collect information through sensors and cameras. Its purpose is support the planning of touristic and promotional strategies. It will be useful to have a single point of data and information about the cities, related to different key areas of analysis and to have a web panel which helps a quick viewing of the main city trends and performances in a user-friendly format, with a focus on tourism, urban mobility, cultural identity and crafts.

In the dashboard there are 6 main sections:

- City at a glance
- Tourism
- Culture and crafts
- Environment
- Accessibility and mobility
- City popularity and attractiveness

The dashboard will also be useful to implement the pilot actions which every city will realize to generate added value in the sustainable promotion of tangible and intangible cultural assets, with a focus on craft activities.



Using data to make decisions: opportunities and challenges for tourist cities

On May 10th, an official presentation of the S.LI.DES. project took place during a tourism event with the participation of tourism experts. A panel, organised by CISET, was held during the digital edition of BIT Milano International Travel Exhibition, the salient features of the project were presented, highlighting the difficulties that cities and tourist destinations in general currently encounter in developing decision-making systems based on integrated data-hubs.

The panel was also the occasion to bring the experiences of the three Italian partner cities (Bari, Ferrara and Venice), illustrating how S.LI.DES. fits into the initiatives already active at urban level and the strategies to be pursued within the project.

Valeria Minghetti (CISET), Elisabetta Piccin (Municipality of Venice), Lisa Pietropapolo (Municipality of Bari) and Massimo Pioletti (Municipality of Ferrara) also explained what cities expect from the project regarding their tourism policies and which pilot actions will be launched to test the new created dashboard.

[Click here to view and listen to the panel](#)



The S.LI.DES. activities for the recovery of tourist flows in Croatia

The tourism economy has been hardly affected by the COVID-19 pandemic, but the recovery of tourist flows may offer the opportunity to develop new governance policies for a future sustainable tourism that respects the environment and the cultural heritage. S.LI.DES. has implemented different technological solutions in the Croatian cities involved in the project to provide real time information on tourist presence to the stakeholders during the recovery of the tourist activities. The use of a trained neural network analyse the video allowing a detection of individuals and reconstructing their dynamics.

In Sibenik the data collection uses intelligent video cameras installed at some points of interest that perform a people counting in monitored area and measure the people flows through virtual barriers. In Dubrovnik we have taken advantage from the existence of many wifi access points distributed in the territory. Dubrovnik Development Agency DURA, in fact, has recently set up 9 new access points for free wireless Internet in public areas within the Old Town of Dubrovnik. In this manner, the existing wireless network has been extended and the network is available to all citizens and visitors of Dubrovnik Old Town. All these access points for wireless free internet will register the movement, as well as the increase of visitors' number in the focal points with the aim of redirecting the tourist crowds to other, less visited places of high cultural and monumental importance. In this case the system counts the flow many different mobile phones connected to the wifi network and recognizes the presence of the same device in different locations by means of an anonymous id. The system has been integrated with the existing video cameras that measure the people flow at the entrances of the historical centre.

The data are collected in the databus of the project and the relevant information is shown in the dashboard. The data are also integrated in the S.LI.DES. mobility models that allow a dynamical reconstruction of the tourist mobility in the whole road network. The combination of real time data and dynamical models is one of the innovative approaches considered by the S.LI.DES. project, that may constitute the project framework for the realization of the pilot actions to improve the tourist offer.



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