



STEVE

Smart-Taylored L-category Electric Vehicle demonstration in hEterogeneous urban use-cases

STEVE & COVID-19

The coronavirus has forced all STEVE partners to adapt to the current pandemic situation and to the different measures and restrictions imposed by members states to contain the outbreak.

Despite this situation, all technological developments are being carried out as planned and deliverables are being produced in a timely manner. Partners are seizing the opportunity to increase the quality of the results produced by integrating more data, improving the KPIs, and conducting further

result analyses. All with the objective of keeping things running as smoothly as possible.

The project area most affected by the confinement are the pilot and demonstration activities. However, to overcome difficulties, contingency measures are being taken. For instance, in Turin, a video has been edited to digitally present the STEVE e-vehicle and its benefits.

All partners are prepared to get back to normal activity as soon as possible.



Looking on the bright side

In the light of the current international context, it is hard not to talk of the COVID-19. With most European countries on lockdown due to the rapid spread of this virus, transportation has been severely restricted, and most Europeans are confined to their homes.

However, the impact of the coronavirus on human activity is having some very important consequences for the environment. All major cities are registering significant improvements in air quality, and the current slowdown in economic activity has led to an important decrease in the demand of oil (mostly used for transport and energy production), and this is also contributing to reduce greenhouse gas emissions.

An example of the pandemic's side effect on the environment is the water of the canals of Venice. Usually murky, the water is now crystal clear and fish, swans and even dolphins have returned.

This shows how, without human pressure, the environment can thrive and how fast nature adapts to changes in human habits.



Impacts of the coronavirus outbreak in Europe

The Future of Light Electric Vehicles

One of the main objectives of the STEVE project is to drive a change in the perception of users regarding light electric vehicle transport. If we can take anything positive from the current worldwide situation it would be an improvement in our natural environment and climate change, issues that are revolutionising our society and considerably raising the awareness of Europeans on sustainability issues.

More and more citizens are questioning traditional individual fuel-based transport and are opting for electric vehicles and sharing transport systems.



Meet the STEVE Team



Chiara Chen
STEVE Partner
Project Manager at JAC

Reference person regarding the first and second iteration of the STEVE vehicle implementation, she is also deeply involved in the continuous improvement programme of the project.

"STEVE project aims to provoke a mind-shift towards EL-Vs, its success will lead to a viable solution to traffic congestion and pollution in cities. Furthermore, it will help us to understand individual consumer needs for better developing the next generation of EL-Vs."



Giuseppe Roccasalva
STEVE Partner
Research Fellow and Associate Professor at Polytechnic of Turin.

"STEVE is an occasion for different urban actors to anticipate future effects of LEVs within e-MaaS policies and within the R&D of human centric automotive technologies/prototypes. At local level, this experience will raise awareness of decision makers on how to boost LEV's mobility and its services. At EU level, my hope is that the expected industrial revolution will invest in clean and more efficient urban transport, will help local authorities in planning the infrastructure for e-mobility development and will take into account the economic benefits of the related environmental shift of paradigm."

STEVE Demonstrators' Updates



Past & Upcoming Events:

The STEVE project has been and will continue to be presented at different conferences, workshops and other kinds of events:

- H2020 RTR European Conference, Brussels, Belgium, 4-5th December 2019
- Tourism Stakeholders Meeting, Calvià, Spain, 6th March 2020
- Go Mobility 2020, Bilbao, Spain, 11-12th March 2020

The latest advances and developments of STEVE (the booking system and SAMAY App) were presented to the main stakeholders of electric mobility and tour operators in Calvià, and support and collaboration has been established with the rent-a-bikes in the area. The booking system, developed by AnySolution, allows users to easily identify the availability of electric bicycles in Mallorca (as well as other electric vehicles) and to book them. The SAMAY App, developed by Tecnalía, serves as a navigation system while allowing users to optimize the energy efficiency of their driving.



End-users testing SAMAY app with e-Bikes



Students testing the STEVE vehicle in Turin, Italy

In Italy, up until February, the demonstration activities carried out with the 8 STEVE vehicles distributed between the city of Turin, the city of Venaria and the Polytechnic University of Turin amounted to 1.854 trips, covering over 6.000km of test drives. Different scenarios have been tested with students, commuters, elderly people and the general public. One of the e-vehicles has also been tested by a local supermarket, delivering goods to its customer.

Stay connected with STEVE

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