

ELVITEN project offer to ELVITEN Follower Cities

Introduction to the ELVITEN project

The ELVITEN project (<https://www.elviten-project.eu/en/>) is a EU-funded project by the Horizon 2020 programme. ELVITEN demonstrates how electric light vehicles (EL-Vs) can be used in urban areas and be integrated into the existing transport network of six European cities: **Berlin, Roma, Bari, Genoa, Malaga, and Trikala.**

The project proposes replicable usage schemes for EL-Vs such as electric bicycles, tricycles, scooters, and quads and involves 21 partners from 9 European countries, including local authorities, universities, research organisations, etc. ELVITEN aims to boost the usage of all categories of EL-Vs in urban environment and ultimately to achieve a mind-shift among users by providing them with a better EL-V experience.

The project has the following principal objectives:

- First, it seeks to make users more familiar and facilitate them to use EL-Vs instead of ICE vehicles for their private transport and for light urban deliveries.
- Second, it attempts to collect rich information sets made of real usage data, traces from dedicated ICT tools, and users' opinions after real trips.
- Third, it will generate detailed guidelines and business models for service providers, planning authorities, and manufacturers to make EL-Vs more attractive and more integrated in the transport and electricity networks.

To help accelerate the roll-out usage of EL-Vs in cities across Europe, ELVITEN aims to promote the transferability of the ELVITEN usage schemes in 50 *Follower Cities* that are interested in developing or already have electric mobility in their city.

These Follower Cities will form a network of 'ELVITEN Follower Cities' and the ELVITEN project will use its knowledge and expertise in electric mobility to provide these 'ELVITEN Follower Cities' with support to help them better understanding how to boost ownership or sharing of all categories of EL-Vs by systematic and occasional urban travellers by light delivery companies in their city. This support will depend on the needs of the city but could range from the first steps a city needs to take in understanding the role that electric mobility could play and gaining political support within the city for it. Right through to helping them work towards planning, developing, specifying, constructing, extending, and/or optimising intelligent electric mobility systems within their cities.



Summary of ELVITEN project offer

The ELVITEN project has a diverse range of expertise, in the form of its consortium partners that covers all phases or aspects in the evolution of a city's electric mobility.

An EL-V is an electric light vehicle that can have two, three or four wheels. They can be bicycles, scooters, tricycles, or quadricycles. Electric L-Vs are smaller, lighter and produce zero CO₂ emission. By using EL-Vs, users will spend less time traveling from one place to another in small cities and less time parking in big cities. EL-Vs will make European cities cleaner and road infrastructure will be reduced, giving more space to build green and walkable areas.

ELVITEN has also established [Regional Support Groups](#) in each city, which engage companies, associations, authorities, and other stakeholders outside the ELVITEN consortium to support the demonstrations and incentivise citizens to test the vehicles. Members include electric vehicle manufacturers, fleet operators, charging point operators, road infrastructure operators, public authorities, electrical distribution system operators, service providers and other organisations and bodies involved or interested in electromobility. This also includes academics, research organisations and the media.

- 1) The initial stage in this process is aimed at engaging with potential *ELVITEN Follower Cities* and developing an effective, two-way relationship between the project and the cities. Early communications will explain the ELVITEN project, the benefits of e-mobility solutions for cities and the range of support that the project could provide to help the city move along its e-mobility path. If e-mobility solutions are interesting to the city then the ELVITEN project will do an analysis with the city to better understand their existing position and approach to e-mobility and identify roughly, where on the ELVITEN roadmap the city may be.
- 2) If the *ELVITEN Follower Cities* have already experienced activities on e-mobility of EL-Vs it could be set up a best practices exchange.
- 3) Statement of interest. This process will hopefully help cities make an informed decision about becoming an *ELVITEN Follower City* and this will form the basis of the relationship that the project will then build with each city. A city senior officer and/or a political representative who has responsibility for mobility policies within the city will sign a statement of interest. It is also possible that a city representative and a representative from the utility company co-sign.



One of the crucial key point is to give a common knowledge basis of the project. Another issue is to organise the first results on the expectation considering them as a starting point of a dialogue that will be maintained in the future, and to share them in an appropriate way with the community of Follower Planning Authorities in future synergies and opportunity of good collaboration at international level.

Summaries of the three offerings that will be available to ELVITEN cities are set out below:

- 1) Demonstrators – if the cities are interested, they can, at their own cost, organise visit at ELVITEN cities so that they can learn from the new demonstration activities that are of relevance to them and according their stage of development. It will help them understand in detail how they work, the benefits they deliver and how a similar project could be delivered in their own cities.
- 2) Specialist webinar – these webinars will bring small groups of ELVITEN cities together to address shared and common challenges also based on the requests made in the statement of interest
- 3) Expert Group – this offering will pool all the knowledge, experience and expertise of the ELVITEN consortium partners, and it will be used to address specific challenges and questions posed either by ELVITEN cities, identified in our discussions with them.

