**Dorothy: the European best practices in city logistics**

To study and analyze the state of the art of city logistics solutions with the aim of defining common guidelines to be adopted as European standards and to create innovative, efficient and sustainable solutions: these are the directives of DOROTHY, the European project of which Liberologico, parent company of Kiunsys, is a partner with other 25 organizations and companies from four countries: **Italy, Romania, Spain and Portugal**.

DOROTHY, acronym for Development Of RegiOnal clusTers for research and implementation of environmental friendly urban logistics, is funded by **Seventh Framework Programme [FP7-REGIONS-2012-2013-1]** and it’s coordinated by Fondazione per la Ricerca e l’Innovazione of the University of Florence. The project is inspired by the contents of the **Flagship Initiative for a Resource-Efficient Europe Under the Europe 2020 Strategy**, one of the seven priority initiatives proposed by the European Commission as part of the **ten-year growth strategy developed by the European Union**.

DOROTHY is targeted to develop the potential of innovation and research in the four Regions composing the Consortium in the field of Urban Logistics: **Tuscany, Oltenia, Valencia Region** and the **Lisbon and Tagus Valley Region**. Urban goods distribution in these areas represents **15% of the total traffic** in urban areas, with about **650 commercial vehicles per 1000 inhabitants** (**470 are passenger vehicles**). The mean stop time of delivery vehicles is **about 13 minutes**, too short for parking illegally. However, parking places reserved for these vehicles are only **around 5%** and are often used by non-authorized vehicles, creating serious **traffic problems** and increasing the **risk of accidents**.

In this context, the specific objectives of the Project can be synthesised as follow:

- define new lines of research and innovation for the Clusters compliant with the specific technological and territorial specialisations
- address the local research-driven clusters on urban logistics toward common development areas and to set up operational collaboration on these topics and networking activities
- set up the most appropriate conditions for the full exploitation of the potential results of these researches taking into account the “framework conditions” (regulatory, social, economic) which could affect their applicability and effectiveness and suggesting to the relevant stakeholders appropriate solutions
- ensure the appropriate spread of knowledge
- support the internationalisation of the Clusters through specific actions
- define, mentor and start up joint action plans for the four Regions, with the active involvement of Regional Authorities and Agencies

The results of the project will have specific feedback on each local area. In Tuscany, the expected benefits will be measurable in many ways:

- **reduction of congestion, emissions and accidents**
- **increase of delivery efficiency**: lower cost and time and higher quality of service
- **preservation of cultural heritage located in Tuscany towns**
- **promotion of electric mobility**
Liberologico participates in the project contributing with its decade of experience in urban mobility and city logistics, also due to Kiunsys, spin-off focused on the development of smart solutions that address the needs of businesses and public entities in the services related to the management and control of urban mobility, city logistics, parking, concessions and permits.