



■ Motivation and Objectives

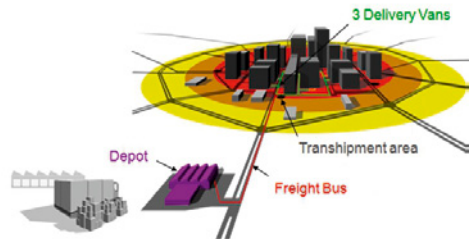
The CityLog project aims at increasing the sustainability and the efficiency of urban delivery of goods through an adaptive and integrated mission management and innovative vehicle solutions. Logistics-oriented telematics services for optimised routing and mission management and vehicle technologies to enable a safe and flexible transhipment of load units are the elements of the CityLog concept. All these components will allow to:

- Optimize the vehicles entering the urban areas,
- Decrease unsuccessful deliveries,
- Perform sustainable transhipment operations in terms of efficiency and costs.

■ Project Plan, Milestones and Deliverables

The project will be completed through the following major milestones:

- Prototype release (Fall 2011),
- Test site activities (till June 2012),
- Evaluation results (December 2012).



■ Technical Approach

- Design and implementation of logistics-targeted telematics services for optimised planning and routing, including a service for the last-mile parcel tracking.
- Development of new vehicle solutions for medium-heavy and light commercial vehicles, with transhipment interoperability enabled by a new type of load units with extensible legs.
- Design and prototyping of the BentoBox concept, a modular pack station with removable trolleys.
- Use of simulation tools to estimate the impact of the CityLog solution on a large scale.
- Test case implementation and demonstration in three European cities (Berlin, Lyon and Torino).



■ Achievements

The results achieved in the two years of activity include:

- User needs collection, stakeholders' consultation and use case definition,
- Implementation and integration of telematics solutions (pre-trip planner, dynamic navigation service, ad hoc map attributes and last mile parcel tracking),
- Transhipment modelling for Freight Bus and Distribution Van,
- BentoBox concept development and prototyping.



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 Duration 36 months
 DG Research
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 Partners 18 partners, among them IVECO, Volvo, TNT
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