

Citylab newsletter

Issue 1, October 2015



Welcome

Welcome to this first newsletter from the CITYLAB project. CITYLAB is a CIVITAS project, and is one of four urban freight transport projects funded in the first “Mobility for Growth” call of the EU’s Horizon 2020 programme for Smart, Green and Integrated transport. The project commenced in May 2015 and will run for 3 years.

Project Overview

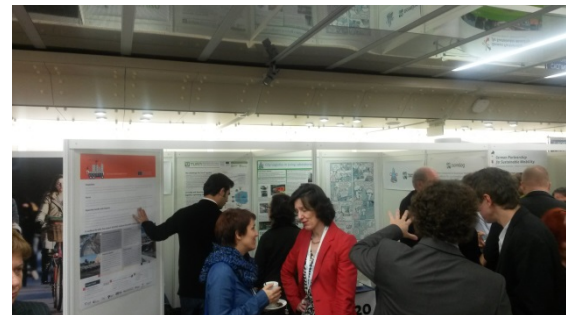
We aim to improve our understanding of the impacts freight and service trips have in our urban areas. Innovative urban freight management solutions will be tested and evaluated in **Amsterdam, Brussels, London, Oslo, Paris, Rome and Southampton** with a view to positively influencing business profitability and contributing to increased efficiency and sustainability. The core of CITYLAB is to use cities as ‘living laboratories’, dynamic, real-world test environments where different public and private freight transport measures can be evaluated, adapted and improved in a cyclical way.

Planned measures are due to start in 2016 and focus on:

- Understanding the highly fragmented last-mile delivery operations that currently exist in city centres
- Identifying freight impacts arising from large public administrations and higher education institutions
- Investigating ways in which waste and recycle management and reverse logistics systems could be made more efficient
- Quantifying the role logistics facilities and infrastructure could play in redesigning supply chains serving urban centres

CIVITAS Forum 2015

7-9 October, 2015, Ljubljana, Slovenia



The four CIVITAS urban freight transport projects (CITYLAB, NOVELOG, SUCCESS and U-TURN) shared an exhibition space at the CIVITAS Forum in Ljubljana, the first of several planned collaborations between them. CITYLAB’s sister projects focus on:

- **NOVELOG** - New co-operative business models and guidance for sustainable city logistics (www.noveolog.eu)
- **SUCCESS** - Sustainable urban consolidation centres for construction (www.list.lu/en/project/success/)
- **U-TURN** - Food logistics (www.u-turn-project.eu)

www.citylab-project.eu

Advisory group meeting

12 October, 2015, University of Westminster, London, UK

Short Pecha Kucha-style presentations and cartoon posters were made to Citylab's panel of advisors, known as the Living Lab Advisory Group (LLAG) to obtain their constructive criticism and feedback about our planned approach and implementations. The panel comprises:

- Jos Marinus (European Logistics Assoc.)
- Frans de Keyser (Brussels Enterprises Commerce & Industry)
- Graham Ellis (Ellis Transport Services)
- Hervé Levifve (City of Paris)
- Nicoletta Ricciardi (University of Rome)
- Erik Regterschot (City of Amsterdam)
- Johan Haavardtun (DB Schenker)

The presentations are available to view at:

<http://www.citylab-project.eu/presentations.php>

and further information on the Rotterdam living lab (in Dutch only) can be seen at:

<http://www.010greendeal.nl/>



Jos Marinus (LLAG) and Hans Quak (TNO)

Planned implementations

The planned implementations outlined below are in development, with trials due to commence in 2016.

Amsterdam - Floating depot and clean vehicles (PostNL)

A floating depot will be used in Amsterdam for collection and delivery of parcels in the city centre. The floating depot will be moved by boat using the canal network and will be moored at several locations in the city centre. Small electric vehicles will undertake the last-mile deliveries.



Brussels - Increase load factors by utilising free van capacity (Procter and Gamble)

Small urban shops selling miscellaneous goods, currently serviced by Procter and Gamble, will be supplied with consumer goods by identifying and utilising the spare freight vehicle capacity of different third party service providers. The aim is to increase vehicle load factors by consolidating and bundling more efficiently.



London - New distribution models and clean vehicles (TNT and Gnewt Cargo)

Scalable and transferable business models for urban deliveries will be developed between a large carrier (TNT) and a small 'last-mile' carrier (Gnewt Cargo), using electric vehicles and cycles. The implementation will experiment with integrated and co-operative supply chain approaches between carriers.



Oslo - Common logistics functions for shopping centres (Steen & Strøm)

Common logistics functions at a shopping centre in Økern, Oslo will be introduced to reduce the dwell time spent by freight vehicles. The implementation will identify consolidation options for logistics service providers as well as opportunities for out-of-hours deliveries, resulting from the decoupling of the external and in-house transport legs of the supply chain to the shopping centre.

Further information:

<http://www.citylab-project.eu/Oslo.php>



Paris - Logistics hotels to counter logistics sprawl (Sogaris)

The municipality of Paris, together with Sogaris, a specialist in real estate for urban and inter modal logistics, will develop a model for logistical zones and facilities, called 'logistics hotels', appropriate for dense urban environments, combining logistics with other activities such as offices, retail and public services.

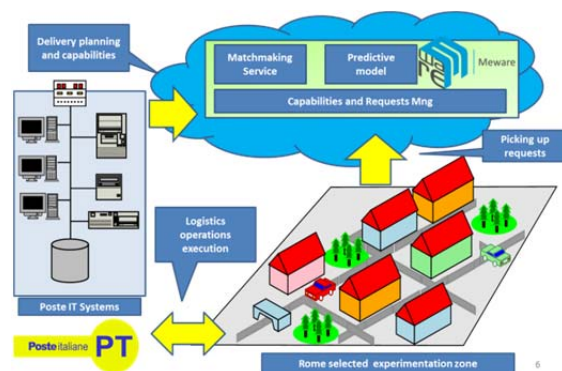


Further information:

<http://www.citylab-project.eu/Paris.php>

Rome - Integration of direct and reverse logistics flows (Poste Italiane, Meware)

Iso-modular units and electric vehicles will be used in the city centre to improve waste collection and reverse logistics by seeking opportunities for combining with forward logistics. It is believed that this integration between direct and reverse logistics, together with the adoption of a closed-loop approach, will provide the basis for a financially sustainable business model.



Further information:

<http://www.citylab-project.eu/Rome.php>

Southampton - Joint procurement and consolidation for large public institutions (Meachers Global Logistics)

Opportunities for reducing the freight impact associated with purchases of goods and services made by large municipal organisations will be identified, using the University of Southampton as a case study. This may include consolidation of ordering, suppliers and the use of the Southampton Sustainable Distribution Centre (SSDC), operated by Meachers Global Logistics on behalf of the city.



Further information:

<http://www.citylab-project.eu/Southampton.php>

Project Outputs

Published articles

McLeod et al. Sustainable procurement for greener logistics in the higher education sector. Logistics Research Network Conference, Derby, UK, 9-11 Sept 2015.

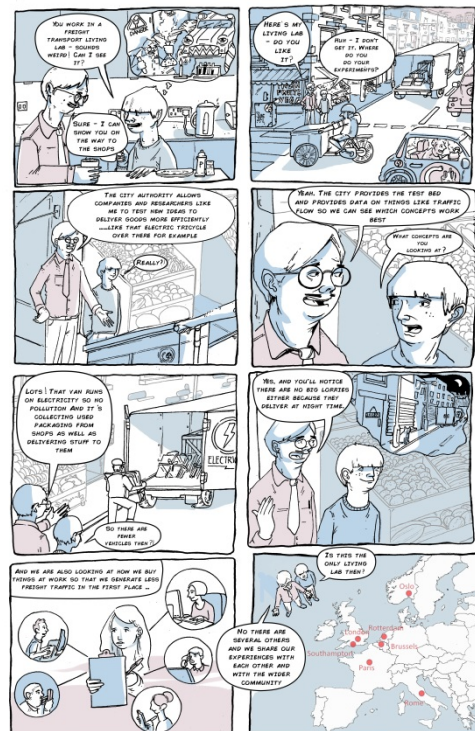
Available at: <http://tinyurl.com/p8apcwp>

Quak et al. From freight partnerships to city logistics living labs – Giving meaning to the elusive concept of living labs. 9th International Conference on City Logistics, Tenerife, Spain, 17-19 June, 2015. <http://tinyurl.com/nqyxbzq>

Illustrative cartoons

A series of one-page cartoons have been created by Matt Sloe to illustrate the living laboratory concept and the implementations planned in each city. These can be viewed at:

<http://www.citylab-project.eu/cartoons.php>



The Citylab concept

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