



Dear Reader,

I am pleased to share with you the third newsletter of the Novelog project!

The NOVELOG project has been up and running for more than 18 months with lots of interesting developments!

The 3rd issue of the NOVELOG e-newsletter features the latest achievements and actions of the project. Since the previous Newsletter, NOVELOG has developed the prototype of the 3rd Tool, the **NOVELOG Toolkit**, aiming to help cities identify the most suitable measures and interventions to implement, based on the NOVELOG city typology. The NOVELOG Toolkit contains a database of 261 cases implemented across Europe and which will continue to be enriched.

NOVELOG has also started the pilot and case study activities in the past few months. In September, the London Borough of Barking and Dagenham and the city of Mechelen hosted delegates from the US federal government on freight transport as part of an ongoing cooperation effort on urban logistics and presented the cases implemented in the context of the project.

During the past months, the project has also participated in a number of events such as the CIVITAS Forum, the VREF Conference on Urban Freight, the ITS World Congress, the 2017 TRB annual meeting and the 3rd stakeholders workshop for the preparation of EU guidance documents on urban logistics. NOVELOG has also held two open workshops in Rome and Barcelona to present the pilots, project outcomes and experiences of the cities in urban freight.

The next months will be a very busy period for NOVELOG, with the implementation of the pilots and case studies, the release of the NOVELOG Toolkit to the public and the hosting of City Workshops in Turin, Athens and Mechelen. So keep your eyes out for the announcement of the events and we hope to see you there!

Stay tuned and enjoy your reading!

Georgia Ayfantopoulou

NOVELOG Coordinator

Twenty eight partners from all over Europe have joined forces to push research and innovation in urban freight and city logistics





NOVELOG – 3rd City workshop 19 October 2016

Urban Freight Distribution: Current Challenges & Future Goals

On October 19th 2016, the 3rd NOVELOG city workshop, entitled “Urban Freight distribution: current challenges and future goals”, took place in the fascinating Protomoteca room of the Capitol Hill in Rome.

The aim of the workshop was to bring together all the parties involved in urban distribution of goods (from local and foreign companies) in order to showcase experiences and adopted solutions, to exchange views with other cities, and to identify current market trends in the logistics industry.

The Workshop therefore aimed at obtaining the cooperation of all interested stakeholders (industry and municipalities) in order to promote the exchange of information and tools in the implementation of urban freight transport.

For the City of Rome, the urban distribution of goods is a major challenge and the new Master Plan pays special attention to this topic, illustrating the guidelines for the preparation of the New Freight Plan and the SUMP (Sustainable Mobility Urban Plans).

The workshop was structured as follows:

- **Institutional/welcome greetings by the Councillor for Mobility of Rome's Municipality**
- **Presentation of the NOVELOG and CITYLAB project activities in Rome**
- **Keynote speeches from major industry players**
- **Experiences and innovations for UFT**
- **Open, moderated discussion**

The city of Rome has already been involved in past EU projects on urban freight distribution, such as SMARTSET. Thanks to current projects NOVELOG and CITYLAB, it is continuing its research and testing on the topic, to contribute to the reduction of both congestion and CO2 emissions, thanks to more efficient urban freight distribution.

Turin pilot

The NOVELOG pilot in Turin: the use of public infrastructure for city logistics

NOVELOG local activities in Turin (Italy) are focused on two core measures to be implemented: multi-user lanes – incorporating bus lane sharing with freight vehicles - and the management of loading/unloading parking lots, in a selected subset of city centre Limited Traffic Zones, using existing cameras to monitor the parking booking and control system.

The pilots start from desirable effects obtained by the definition, acceptance and deployment of an innovative governance model introduced in Turin where, starting from the success of Freight Quality Partnership (FQP), an original and well performing stakeholder engagement format has been developed. The clear pathway presented by the City of Turin, at the beginning of the participatory process, proved beneficial for all participants.

The city of Turin has prioritised transport policy objectives that can be summarised as follows:

- 1) **Increase economic efficiency;**
- 2) **Ensure road safety and protect the environment;**
- 3) **Develop local infrastructures and adequately preserve a well-defined urban structure.**

Turin has developed its model in compliance with the European Commission - DG MOVE working document “A call to action on urban logistics”. In line with the above policy objectives, a Recognition Scheme (RS) along with an extensive exploitation of already installed ITS and land use controls, were introduced.

NOVELOG – 4th City workshop 19 January 2017

New approaches to urban goods deliveries on-street and off-street

On January 19th 2017, the 4th NOVELOG city workshop, “New approaches to urban goods deliveries on-street and off-street”, took place in Barcelona.

The first session comprised presentations and discussion of the AREADUM APP (on-street delivery space management), that Barcelona is testing in the project. The second session centred upon the development of the off-street solution of “micro-platforms” for deliveries to the city centre. In the afternoon, participants visited one of the micro-platforms that are part of the NOVELOG pilot demonstration.

These actions form part of the Sustainable Urban Mobility Plan (SUMP) of the Barcelona City Council.





Interview

Adrià Gomila

Director of Mobility Services,
Barcelona Municipality

How does the city of Barcelona deal with the issues of sustainable freight transport?

Barcelona seeks to work with all players in the logistics industry through its Sustainable Urban Mobility Plan. The problems are not solved yet, but we have a Team dedicated to City Logistics here at the Municipality's Mobility Services Division. One of the main challenges concerns the behaviour changes, resulting from the increased use of the internet, and how this causes new patterns of traffic circulation. Barcelona has a large population density per square metre and this pushes us to find solutions for a better use of public space: multi-use lanes, overnight deliveries, and other regulatory tools for goods un/loading.

What information systems and technologies, in your opinion, can make distribution more efficient?

From the authority perspective we look at improving roads and traffic management; about half of our pavements are controlled by some form of kerbside regulation. The 10,500 on-street spaces reserved for loading/unloading goods fit within an integrated parking management system, and technologies are applied to ensure compliance with the rules. Recently we have successfully tested a smartphone application that has replaced the previous authorisation systems for commercial vehicles using the loading/unloading areas.

Do you think that the problem of transporting goods affects the urban traffic? And in what proportion?

The transport of commercial goods is clearly an important part of traffic. The monitoring of flows and speeds on the primary road network allows us to identify when and where the problems are most acute. These "hot-spots", linked to the time of day, can become a specific target for targeted campaigns and traffic restriction measures. The new app for managing on-street delivery spaces has the potential to highlight un/loading activity "hot-spots".

In the frame of NOVELOG, which kind of innovative solutions are you testing?

Within NOVELOG we are working on a case study and a pilot: the former consists of analysis of data generated by the above-mentioned app, the latter is a test of micro-platforms for last-mile deliveries using cargo trikes. In the pilot, the concession of off-street public space for transshipment is a new policy and a good part of the innovation lies in the Municipality's planning process. Rather than subsidising the delivery service of the Last-Mile Operator (LMO), we reduce the running costs of the operation.

What are the expected results of the case study / pilot?

The app generates new data and the NOVELOG study examines how these data can be used to improve the planning of roads and traffic management. The benefit of the amendment is that we get external support to interpret the database and assistance with the analysis.

The two micro-platform pilots (El Ninot market and Estació França) are just about up-and-running. Big players are investing in this (trike) solution, which is a sort of technical validation. However, they also invest in the off-street premises and are not open and neutral to handling goods of other shippers, so there are still many deliveries by half-empty "white vans". The city logistics sector is very dynamic, so it's probably unwise to try to predict what the pilots will achieve.

Synergies with other projects and external events

NOVELOG participates in the US-EU Urban Logistics Tour 2016!

The NOVELOG Project participated in the US EU Urban Logistics Study Visit, in September 2016. The Study Visit was organised by the European Commission and US Department of Transport - Federal Highway Administration, in conjunction with representatives of current and past projects on urban freight. NOVELOG has been involved from the start in this cooperation between the EU and the US, aiming to help increase knowledge and awareness on the problems and solutions for urban freight and logistics on both sides of the Atlantic.

On the 26th of September the US Delegates, including members of the US Department of Transport - Federal Highway Administration, representatives of the California Department of Transportation, and the Houston-Galveston Area Council Department of Transportation, visited the London Borough of Barking and Dagenham (LBBB). The representative of the Borough, Mr. Timothy Martin, presented goals, objectives and visions for urban freight, as well as the aims of the Freight Travel Plan that is the subject of the LBBB's NOVELOG case study.

On the 28th of September the US Delegates were welcomed in Mechelen by Mrs Anne Recour, representing the city, and a representative of HIT (NOVELOG coordinator). The visit consisted of a demonstration of the e-Locker system to be used in the NOVELOG pilot, a tour of the city centre where the pilot is being implemented, and concluded at the premises of a local company involved in city distribution using electric cargo bikes.

On both days, the main topics of interest for the US delegates included the involvement of industrial stakeholders in decision making, the cities' congestion problems and the differences in addressing them (e.g. EU focus on smaller cleaner trucks vs US focus on fewer larger trucks), the use of smart lockers, and on how local retailers can be brought onboard with the adoption of Limited Access Zones.



NOVELOG at the 4th Freight TAILS Transnational Meeting

On 24th & 25th October 2016 in Umeå, Sweden, a two-day network meeting took place on the subject of data collection in the urban freight transport domain, organised by the Freight TAILS project (<http://urbact.eu/freight-tails>). Dr Campagna, from the University of Rome, was invited to represent NOVELOG and to present the Data Collection Framework developed by NOVELOG to support city logistics.

Several European cities were present to hear about issues on data collection in the context of urban freight, both in terms of problems and of possible approaches and solutions. NOVELOG contributed to the work by showing a framework to guide the data collection and organisation required to understand urban freight transport and to evaluate the viability of a potential solution.



The new CIVITAS Urban Freight Logistics Thematic Group

Since December 2016, Polis is coordinating the CIVITAS Urban Freight Logistics Thematic Group (TG) in the framework of the new SATELLITE project: <http://www.civitas.eu/TG/urban-freight-logistics>

The TG looks at overall strategies to create cleaner and better freight transport in cities. TGs are groups of peers committed to:

- sharing their experience and knowledge;
- learning more about the CIVITAS approach; and
- contributing to developing mobility policies and innovative measures in other local contexts

The TG will establish a constant dialogue with important initiatives and platforms (ALICE - www.etp-logistics.eu, ERTRAC - www.ertrac.org), as well as with CIVITAS and non-CIVITAS EU UF projects (CITYLAB, NOVELOG, SUCCESS, U-TURN, CIVITAS ECCENTRIC, CIVITAS PORTIS, BuyZET, FREVUE, Freight TAILS, SETRIS, CYCLElogistics, SULPITER).

It takes over the activities of the CIVITAS Freight Cluster, the strategy set up during the 2015 CIVITAS Forum in agreement with the European Commission, to explore the possibilities of cooperation between CIVITAS UF projects.



NOVELOG in external events

CIVITAS Forum 2016 (Gdynia, Poland, September 2016)

The participation was twofold with a representation in the stand of the Urban Freight Projects Cluster and with a presentation in the “Urban freight logistics: latest development from CIVITAS projects” session on the 30th of September 2016 along with the CityLab and U-Turn Projects. The session was held to a full room, and NOVELOG presented the current results achieved so far and work in progress, focusing on the Tools developed.

Joint stand at the 2016 Polis Conference (Rotterdam, Netherlands – December 2016)

The three CIVITAS UF projects CITYLAB, NOVELOG and SUCCESS joined forces to participate in important external events. For the second year running the projects shared a stand at the Polis Conference, which took place in Rotterdam on the 1st and 2nd of December 2016. On this occasion CITYLAB organised a workshop on its Living Lab concept, attended by many NOVELOG city partners.

VREF Conference on Urban Freight 2016 (Gothenburg, Sweden, November 2016)

NOVELOG presented its “Understanding Cities” Tool during the session on increasing stakeholder cooperation and participation. It highlighted the need for the establishment of Freight Quality Partnerships in cities and the contribution of the Tool to their successful set up and implementation. The City of Gothenburg presented its NOVELOG case study, along with a set of first findings from the data collection performed on the existing situation.

EU project in the spotlight: **SUCCESS**



The SUCCESS project (www.success-urbanlogistics.eu) aims to decrease the negative impacts of urban freight transportation in the construction sector by exploring and testing new tools and methods taking into account Construction Consolidation Centres.

The take up of the SUCCESS project on a wider European level will be guaranteed through the Enlarged Transfer Programme (ETP), by selecting 12 non-partner cities in three different European areas (Eastern, Northern and Med Europe).

The aim is to transfer the Unique Selling Points of SUCCESS, in terms of project solutions, best practices, tools, methodologies and lessons learned, that can improve construction logistics.

The non-partner cities will be selected by a public call for expression of interest.

Three International Joint Transfer Exercise workshops will be organised:

- Involving the non-partner cities, building and transport associations, transport & construction companies, policy makers & researchers;
- To present the project results and develop specific roadmaps for the selected urban contexts, through a joint problem solving exercise.

Cities interested in applying are invited to contact us!
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Upcoming events

→ **SITL - International week of Transport and Logistics**

14-16 March 2017, Paris, France

<http://www.sitl.eu/en/>

→ **European Cycle Logistics Conference 2017**

20-21 March 2017, Vienna, Austria

<http://eclf.bike/vienna17/>

→ **Transport logistic trade fair for logistics**

9-12 May 2017, Munich, Germany

<http://www.transportlogistic.de/index-2.html>

→ **CITYLAB project workshop
“Growth of Electric Freight and Consolidation in Urban Logistics”**

12 May 2017, London, UK

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

→ **ALICE-CIVITAS-ERTRAC
Collaborative Innovation Day: Urban Freight and Logistics**

23 May 2017, Brussels, Belgium

→ **10th International Conference on City Logistics**

14-16 June 2017, Phuket Island, Thailand

<http://citylogistics.org/>

→ **NOVELOG Turin Workshop**

5 April 2017, Turin, Italy

<http://novelog.eu/event/novelog-turin-workshop/>

→ **NOVELOG Athens Workshop**

June 2016, Athens, Greece



NOVELOG consortium

The NOVELOG consortium comprises a variety of experts in the field of urban freight transport, ensuring the knowledge of the academic sector, the experience of cities, the expertise of consultants and the multiplier effect of European networks.



RENAULT



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