



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 633338.



## NEWSLETTER N°6

30 April 2018

### A final word from the project's co-ordinator:

Dear readers,

the SUCCESS project is ending on 30th of April 2018 and the whole SUCCESS team would like to thank you for your interest in our work and for the feedback, comments, questions and constructive impulses we received from your side!

We will be very grateful if you could take the time to send us a final comment on the project's achievements and please know that we are always available to discuss our work in detail and to answer to any questions that you should have.

We would also like you to know that the end of the EU funding will not imply the end of our activities.

On the one hand, our work had some impact on the real world, because at least two new CCCs will be implemented by SUCCESS consortium

partners ([a CCC for the new tramway line in Florence](#)) or by stakeholders that followed our work with interest and by their own admission were inspired by it (the future Brussels Construction Consolidation Centre). Other opportunities are being discussed as we speak and we'll keep you posted when they will get finalised.

On the other hand, we are investing in the development of some tools that were not foreseen in the original project plan but that

we deem necessary to allow a better exploitation of our work by the interested stakeholders. A basic version of these tools will soon be available on the project's website (follow [this space](#)).

Kindest regards,

*Francesco Ferrero*



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The SUCCESS team at the CIVITAS Urban Freight Conference in Brussels, 23<sup>rd</sup> of April 2018

This final project newsletter presents the latest deliverables published during the last four project months and gives those who could not be present some impressions from the final local events that were organised in Italy and Luxembourg as well as the CIVITAS Urban Freight Conference that brought together over 150 stakeholders in Brussels on 23rd and 24th of April to discuss urban freight issues and present the outcomes from the four CIVITAS Urban Freight projects ending this spring: CityLab, Novelog, SUCCESS and U-Turn.

During these last months and in the context of various project presentations, the SUCCESS team faced one challenge: present this 3-year-research-project in a couple of minutes... Impossible we thought at first but thanks to the help of some animated pictures, the job became easier: see for yourself and [watch our final video](#) to understand our project and its results in just 3 minutes!



## Latest deliverables

### D4.3 Simulation result

One of the main objectives of the SUCCESS project was to evaluate the impact of the distribution of materials for construction sites in urban areas and to provide solutions through a quantitative analysis of the

impact of Construction Consolidation Centres on the distribution process. D4.3 summarises the results of the quantitative simulations performed to identify optimal solutions between the scenarios that were defined beforehand.

### D5.2 Solutions evaluation and comparison

The deliverable D5.2 was drafted in the framework of WP5 aiming to perform a complete evaluation and comparison of the different solutions designed and simulated in WP4. This evaluation and comparison ex-

ercise includes an analysis of quantitative indicators calculated by WP4 together with qualitative opinions collected during workshops with different stakeholder groups that were organised during the SUCCESS project.

### D5.3 Final validation report for each site and long-term sites implementation plan

D5.3 completes D5.2 and provides an overall validation of the solutions for each pilot site considering the needs of all the public and private stakeholders. In this context, the report identifies how construction logistics issues could be included into future urban policies in a

long-term perspective taking into account public and private stakeholder engagement, time plans, communication strategies, barriers and actions to be implemented. The document furthermore reveals in which way the findings, tools and results produced within SUCCESS can support these procedures.

### D6.5 Report on transferability and take up at European level with 12 road maps

In the framework of the SUCCESS Enlarged Transfer Programme (ETP), the SUCCESS team organised three workshops in Bologna, Koper and Brussels from September to November 2017 which engaged twelve non-partner cities. During these workshops, an analysis of the state of the art of these cities was carried out in terms of problems and opportunities in optimising the

transport flows caused by the construction sector. Cities were introduced to SUCCESS' roadmap and best practices and, after a SWOT (Strengths, Weaknesses, Opportunities and Threats) analysis of their local contexts, cities' representatives were involved in a joint problem-solving exercise for the evaluation of specific measures (in terms of impact and applicability) to improve construction logistics in their jurisdictions. D6.5 reports on the outcomes from these three workshops.

\*\*\* **Download:** All project deliverables are available for download [here](#). \*\*\*

## SUCCESS toolkit



The SUCCESS project provides a toolkit that addresses all relevant stakeholders: it allows construction and transport companies, as well as local authorities, to self-evaluate the complexity of their future construction project (s) and to decide if, how and where to implement one or more Construction Consolidation Centre(s), while also proposing suitable improvements for each specific construction site, based on best practices collected all over Europe and the US.

items:

- ◆ A Cost-Benefit Analysis for implementation of a CCC;
- ◆ A solution selector for identifying the most appropriate practices to implement;
- ◆ An optimal CCC location tool for deciding on the best location of a CCC among a given set of options;
- ◆ A best practices guide inspired by the most authoritative practices in Europe and the US.

These tools will be available in the course of May on our [project website](#).

The SUCCESS toolkit is made up of four



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## Final event in Italy

On 27<sup>th</sup> of February 2018, Bologna hosted the final Italian SUCCESS workshop presenting the most important results and insights from the project. The workshop was organised by the Italian partners of the project: Institute for Transport and Logistics, Region Emilia-Romagna, Cooperativa Braccianti e Muratori and the University of Modena and Reggio Emilia. The workshop attracted over 70 participants, in particular from the technical sector as well as regional representatives.

SUCCESS addresses the important challenge of CO<sub>2</sub>-free logistics by 2030 set by the European Union, developing tools and investigating the topic of construction logistics. During the workshop, the main achievements and results of the project were shared with the participants, highlighting that there are some proven initiatives in the hands of private and public stakeholders that can be used to optimise construction logistics. The workshop focused on the conditions that allow Construction Consolidation Centres (CCC) being operative and profitable, based on the results of the simulations and quantitative analysis carried out within SUCCESS.



The workshop also included presentations from the Italian case studies of the urban consolidation centre in Lucca and the CCC in Florence. These were important starting points to foster the discussion on their financial sustainability and viable business models that can support their success. Project partner Valenciaport Foundation then presented the main results from the cost-benefit analysis, which were of particular relevance to the audience.

"The results of SUCCESS are highly valuable for the Region Emilia-Romagna because they give insights into the topic of construction logistics that we previously did not have. Municipalities can exploit these findings to optimise public spaces and evaluate specific measures in their plans, such as the Sustainable Urban Mobility Plans" stated Mr. Andrea Normanno from the Department of Transport and Sustainable Mobility at the Region Emilia-Romagna.

You can find more information on the event here (in Italian):

- ◆ [Il report dell'incontro](#)
- ◆ [Le presentazioni dei relatori; tutti i video con le interviste](#)
- ◆ [Success: grandi cantieri, piccolo impatto – approfondimento con video](#)



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## SUCCESS attracts over 70 stakeholders to the final local event in Luxembourg



On 23<sup>rd</sup> of March 2018, the Luxembourgish Ministry of Sustainable Development and Infrastructure hosted the final local event organised by the Luxembourg Institute of Science and Technology (SUCCESS project coordinator) and the construction company Tralux. The workshop attracted over 70 participants, in particular from the construction sector, government and research.

This final event gave the occasion to the two Luxembourgish partners to present the project and its main results such as the toolkit that addresses all relevant stakeholders and allows construction and transport companies, as well

as local authorities, to self-evaluate the complexity of their future construction project(s) and to decide if, how and where to implement one or more Construction Consolidation Centre(s), while also proposing suitable improvements for each specific construction site, based on best practices collected all over Europe and the US.

The debate that followed engaged representatives from construction companies, the logistics and public sectors as well as architects and focused on the conditions that make CCCs effective and profitable, based on the results of the simulations and quantitative analysis carried out during the project.

You can find more pictures from the event [here](#).



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## CIVITAS Urban Freight Conference



In the context of growing cities and environmental constraints, the management and delivery of freight in urban areas is a huge challenge for the twenty-first century. Citizens live under a gridlock of smog and towns are blocked by congestion. The success of e-commerce and delivery services is likely to worsen the problem in the future. The four [CIVITAS](#) Urban Freight projects [CityLab](#), [Novelog](#), [SUCCESS](#) and [U-Turn](#) put the focus on different aspects of the overall problem to tackle these issues. The four projects cooperated throughout their whole lifespan and joined forces in autumn 2017 to organise a common final conference to reach as many stakeholders as possible and present their innovative solutions, methods and tools to improve urban logistics.

This CIVITAS Urban Freight Conference took place on 23<sup>rd</sup> and 24<sup>th</sup> of April 2018 at *La Tricoterie* in Brussels. The event was a real success and brought together over 150 stakeholders from the European Commission, universities and research centres, public authorities, industry and other fields. It also featured interactive dialogue with US stakeholders, including researchers, city representatives and the US Department of Transportation,

currently partnering with the European Commission for the Urban Freight R&D Twinning Initiative.

The first conference day mainly focused on the key results and messages of the four projects and placed them into the context of current EU perspectives and strategies as well as the necessary efforts to promote new cooperation models for engaging and supporting public-private partnerships for urban logistics. The second day mostly featured the projects' tangible solutions and tools and was more interactive including a poster and networking session in the morning and several breakout sessions allowing discussions and debates between the projects and their external stakeholders.

**The CityLab project put together all presentations from the two conference days. They can be downloaded [here](#).**

Besides the presentations of the SUCCESS project and its results, the conference was also the occasion to hand over the SUCCESS award on "Innovation in Construction Logistics policies in urban areas". In autumn 2017, the SUCCESS project had organised a series of workshops with non-partner cities in order to transfer the project knowledge and allow cities to reflect their own situation with regard to construction logistics and to work on a roadmap aiming to implement some of the SUCCESS solutions. In this context, an analysis of the existing policy measures was carried out by the SUCCESS team to designate the most advanced of the twelve cities. The winner was Transport for London (TfL) thanks to their multiple actions aimed at fostering the construction sector transport efficiency, with an approach focused on research, guidance, regulation and enforcement as well as stakeholder engagement. Peter Binham, Freight and Fleet Project Manager at TfL, participated in the conference and received the award from Robert Missen, Head of DG MOVE's innovation and research unit.



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During the two conference days, the SUCCESS team also presented its tangible table allowing the real-time demonstration of the positive or negative impact policy measures can have in reality, such as for example the restriction of heavy vehicles to the city centre. The table thus reveals if the measures are useful or might even backfire through negative secondary effects. The tool attracted a lot of participants and was very requested throughout the whole duration of the conference thanks to its easily-understandable and visual approach. As in other conferences where the tangible table was presented, several delegates expressed their interest in this tool.



### A comment from the four project coordinators on the added value of their respective project:



**CITYLAB** has brought together industry partners, authorities and researchers testing Living Labs as a collaborative approach to tackle city logistics issues. The project set out recommendations for moving towards emission free city logistics in major urban centres by year 2030. *Jardar Andersen, coordinator of CITYLAB.*



**NOVELOG** generated knowledge for urban freight transport planning and delivered tools for supporting multi-stakeholders cooperation in implementing innovative city logistics solutions and adopting cooperative business models in UFT. *Georgia Ayfantopoulou, coordinator of NOVELOG.*



Construction is an industry sector scarcely affected by innovation. Supply chains are seldom an object of research, despite their considerable environmental and socio-economic impact. **SUCCESS** delivered open and reusable tools and methods that cities, construction industries and logistics operators can apply, such as the Construction Consolidation Centres. *Francesco Ferrero, coordinator of SUCCESS.*



**U-TURN** formulated shared logistics models for urban freight and implemented tools that enable their evaluation and implementation. Moreover, U-TURN provided empirical evidence regarding shared logistics models that was derived by their application in the fast-moving consumer goods, fresh food and online grocery sectors. *Eleni Zampou, coordinator of U-TURN.*



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### Visit our website:

[www.success-urbanlogistics.eu](http://www.success-urbanlogistics.eu)

### Watch our final video on YouTube

Download the final project leaflet  
[here.](#)

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