1. Title of the material

Transport for London - Evaluation of Freight Consolidation Demonstrator Projects.

https://content.tfl.gov.uk/steer-assessment-of-demos-report-oct-2019.pdf

2. Which section of the SUMP it is relevant to?

It is relevant to section 12.1 as it cover evaluation of several consolidation initiatives across London.

3. Which Mobility Manager knowledge this material is the most relevant to?

It is relevant to section 4 of Mobility Manager knowledge, referring to logistics and urban freight management. It may be also associated with point 1e), covering evaluation of transport measures.

4. Problem approached and content overview

The report was ordered by Transport for London (TfL) to identify opportunities and potential benefits of freight consolidation. It has following objectives:

- 1. Identification of transport impacts of freight consolidation and possibility to quantify them.
- 2. Identification of "proof on concept" for various approaches to freight consolidation, supporting their wider implementation and good practices transfer.

A research framework has been developed to evaluate ten examples of consolidation and compare their benefits and challenges. Various demonstrators were considered, including:

- pedestrian porterage as a last mile solution,
- collaborative procurement,
- reduction of personal deliveries,
- impacts of servicing contracts consolidation,
- waste consolidation,
- deliver consolidation centres (urban and micro-consolidation),
- capacity sharing based on technological solutions.

The evaluation is based on data sources collected by demonstrator project leaders. There was no additional data collection or monitoring. A consistent framework was used to review and compare the demonstrator schemes. It was based on a set of criteria reflecting their impact, governance and potential for wider roll-out. It included both scorable and non-scorable elements presented below:

Scorable elements	Non-scorable elements
environmental impact	challenges encountered
traffic impact	lessons learned
time required for implementation	risk strategy
cost of implementation	governance structure



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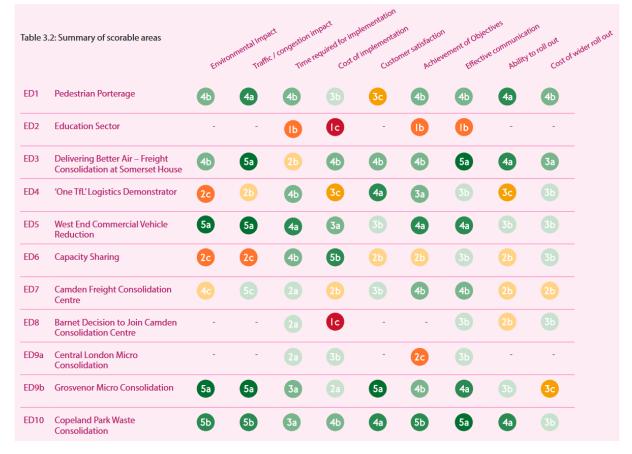
customer satisfaction	importance of people relationships
achievement of objectives	
effective communication	
ability to roll out	
cost of wider roll ou	

TEACHING MATERIAL GUIDANCE

For the elements that can be assessed quantitatively, each demonstrator has been awarded a score based on two aspects securing balanced evaluation:

- 1. Level of change or impact, on a scale of 1 (low impact) to 5 (high impact)
- 2. Robustness of the evidence, on a scale of a to c (a-more robust, c-less robust).

Result of application of this methodology is presented below:



5. Who could be interested in this material?

The report aims at understanding the success factors of different consolidation initiatives implemented in practice, hence it is a valuable source of information for decisionmakers at local level. Their intention might be to understand methods of supporting bottom-up individual consolidation initiatives. There is also an inspiration for authority-led actions as well. Students might be interested in cross-cutting evaluation of selected demonstrators which could help to gain more knowledge on practical determinants of urban freight measures.



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TEACHING MATERIAL GUIDANCE

- 6. What is worth mentioning as an innovative factor for the reader?
 - report is based on practical and proven examples of consolidation initiatives, which goes beyond only trial period of many similar previous concepts,
 - comprehensive and well balanced list of criteria rendering the most important aspects of freight consolidation,
 - easy to understand scoring system,
 - clear interpretation of results and problem-oriented recommendations.

7. Limitations

No major limitations were identified.



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