Rapport

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Områdesterminaler – En möjlighet för hållbart transportsystem i Göteborg?

Författare: Maria Ottosson, Ulrika Franzén

Sammanfattning

På uppdrag Trafikkontoret i Göteborgs stad och Vägverket region väst, har TFK utfört en studie av hur s.k. områdesterminaler skulle kunna användas i Göteborg. Studien baseras på en litteraturstudie av genomförda samlastningsprojekt med samlastningscentraler samt en studie av Göteborg. Rapporten diskuterar möjligheten till en struktur där gods körs till en terminal i anslutning till avgränsade stadsområden för att därifrån distribueras samordnat.

Summary

The trend within city distribution in urban areas during a longer time period is moving from large quantities of goods seldom to smaller deliveries more frequently. The quantity of small deliveries results in a larger amount of driven kilometers with a lower load rate of the vehicles. In areas with plenty of buildings and lots of persons moving daily, the transports cause a problem both concerning the environment and the social effects. A possible way of solving some of the problems could be a solution with area based distribution terminals for deliveries to certain areas. Deliveries will then be consolidated in this terminal and optimally distributed to the area.

Pilot actions with different types of terminals for consolidation of goods have been carried out in several cities earlier. None of the projects have in the long term been successful and have been closed after the tryout period. One of the problems with many of the projects has been a lack of communication or problems with the integration of different technologies. A summary of projects and the experiences gained from those projects can help new projects to a better possibility for implementation. In Gothenburg some transport companies and hauliers have shown some interest of consolidation of goods distribution in different types of projects. This, together with the willingness to solve the cities transport problems, creates goods possibilities to succeed with a project with distribution terminals.

In this project a transport flow analysis have been carried out in the area Sisjön and Högsbo. The purpose of this analysis was to find an area outside the existing environmental zone that could be suitable for consolidation of goods through a distribution terminal. The analysis shows substantial traffic movements in the area and has a big potential for consolidation of goods.
Earlier studies of transports within the environmental zone have been compiled and they show among other things that transported goods quantities are small and that the receiver would like to see that the deliveries are consolidated so that they only need to receive goods once a day or more seldom. This pattern is well suited for an area based distribution terminal. An analysis has also been carried out for the parameters that are variable during an implementation of an area based distribution terminal and that have to be set before the establishment of a terminal. Example of this is the owner structure, division of costs, expanded services within the terminal, juridical aspects and marketing.

The next step on the way towards an area based distribution terminal in Gothenburg is, according to the writers of this report, to make a more thorough analysis of transport movements in the area for the terminal. Then the work with adjustments of premises, the activities, equipment and purchase of a contractor can begin. We recommend that the city firstly commit oneself to consolidate the own transports through a purchase of the provisions to the cities different operations. After that, the work with consolidation through area based distribution terminals can continue and develop. Alternatives for this are presented at the end of the report.