

# LessThanWagonLoad

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The ŽOS Trnava company is now one of the eleven partners of the consortium for the “LessThanWagonLoad” project, which is a part of the HORIZONT 2020 EU Framework Programme for Research and Innovation. The consortium is a combination of partners from research facilities, technology suppliers, cargo transport operators and chemical industries. The consortium works on this project with the full support of the European Commission.

Project number	723274
Project Acronym	LessThanWagonLoad
Project title	Development of ‘Less than Wagon Load’ transport solutions in the Antwerp Chemical cluster
Starting date	1.5.2017
Duration in months	36
Call (part) identifier	H2020-MG-2016-Two-Stages
Topic	MG-5.1-2016 Networked and efficient logistics clusters

The idea behind “LessThanWagonLoad” is the development of an intelligent, specialised, logistics cluster for the Port of Antwerp chemical industry with the purpose of shifting cargo from road to rail. The benefits of shifting cargo from road to rail are reduced CO2 emissions by nearly threefold, reduced air pollution levels and reduced road congestion as well.

This goal is materialised via development of new rail solutions for individual palettes (which we call “Less than wagon load”, as a reference to the existing “Less than truck load”) and development of new services for rail freight transportation, for the benefit of the Antwerp chemical cluster, with the focus being primarily on accelerating the switch from roads to railways, which will be done by developing an automatic system of loading and unloading.

A prototype will be constructed for the loading and unloading technology of the train car. The first part of the prototype will be constructed in the Netherlands in the Ancra System factory, with modifications on the train car being undertaken in our company, ŽOS Trnava.

Even if the project’s primary focus is on the Antwerp chemical cluster, new concepts can be utilised in other logistics centres in other industries and fields of research. This significant implementation potential adds to the influence on European society.

Further information on the project can be found at the “LWL” project website:

[www.lessthanwagonload.eu](http://www.lessthanwagonload.eu)



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### LessThanWagonLoad Consortium

