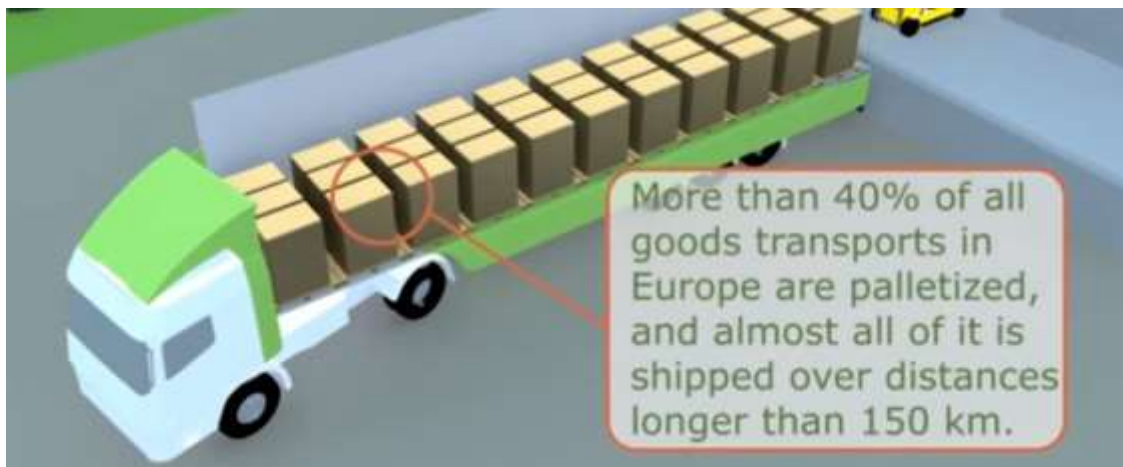


TRANSFORMERS

Configurable and Adaptable Trucks and Trailers for Optimal Transport Efficiency

We proudly present the **third Transformers newsletter** to you. In this edition we will update you on the results for the End User Requirements. Take a look at a [great video](#) VOLVO students created this to make the project really visible! **Enjoy reading** – we are sure you will. If you have any questions about this newsletter or project, please contact us via info@uniresearch.com | www.transformers-project.eu



Results on the End User Requirements

The TRANSFORMERS End User Requirements report assesses the road freight transport industry with respect to the interaction of a truck-trailer configuration and the key stakeholders involved. Its purpose is to provide a tool for identifying relative areas of strength and weakness and to prioritize opportunities for a new configurable and adaptable Hybrid-on-Demand Truck Trailer configuration.

The Report defines the development of the road freight transport service in terms of the key drivers across the regulatory, institutional, market and end-user environments that lead to adoption and scale. Measures of transport services development are captured across four pillars, namely:

- Transportation Efficiency
- Logistics Efficiency
- Social and Environmental Impact
- Safety and Operating Features

Read all about the End User Requirements [here>](#)



Key Performance Indicator's (KPIs)

Key Performance Indicator's (KPIs) have been defined for evaluating and comparing the operational parameters of a truck-(semi)trailer configuration. These indicators could link the top line metric to business outcomes through environmental benefits, societal benefits, transport efficiency, resource efficiency and capacity optimization [Read more>](#)

The figure below shows the KPI (key performance indicators) Area's identified. Comparing the performance of the new truck-(semi)trailer configuration, against the existing state-of-the-art truck-(semi)trailer configuration, it is essential for the successful market acceptance of the proposed alternative.




Overview of the Transformers Project

Nowadays, truck-trailer combinations are not optimized with respect to their missions. Ideally, future trucks and load carriers should be easily adaptable for each freight, load and mission. The vehicle combination is able to automatically adjust itself to the actual driving environment (i.e. traffic situation, topology, and payload). Take a look at a [great video](#) that VOLVO students created for the project

The TRANSFORMERS project will develop and demonstrate a truck-trailer combination which can be optimised to their load and mission. [Read more>](#)



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 Forward to Friend



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