



Stakeholder analysis for an integrated passenger and freight transportation system

Problem description

With the pressing need to reduce greenhouse emissions caused by the transport sector, the current freight transportation system needs to become more sustainable. In response to this pressing need, cutting-edge approaches towards the transport of passengers and goods should be considered as potential alternatives or complements to conventional delivery systems. The benefits of this form of transport are multi-fold: improved capacity utilization, reduced freight traffic, alleviate constraint on driver shortage and improved services to remote areas.

Objectives and assignment

In this project, our goal is to develop insights and tools that support policymakers in making informed decisions about the design and implementation of such systems, ensuring a balanced, efficient, and sustainable transport service. Towards this goal, our objective is to provide policymakers with deep insights into the design factors and their extended impacts, measured quantitatively, on the implementation of integrated freight and passenger transport systems through a comprehensive evaluation of stakeholder needs and preferences. To achieve this overarching objective, we will identify and analyze key design factors that influence stakeholder participation and satisfaction in an integrated transport system.

Candidate background

T&P or TIL Students who have knowledge and interest in cutting-edge freight transportation and logistics research including system analysis, familiar with Knowledge of multimodal transport systems, including both freight and passenger transport.

Research group

This is a joint research between the Freight and Logistics Lab CEG and TPM. For more information please contact m.saeednia@tudelft.nl and/or p.s.a.stokkink@tudelft.nl.