

„International Comparison of Platform Barriers for Railways”

This thesis aims to compare platform barriers in different railway applications. At first, the various types and subtypes of platform barriers shall be presented and their respective use cases must be researched. Subsequently, the focus should be on the implementation of these systems. Different strategies have evolved to prepare and pursue the installation of platform barriers in stations. These strategies have to be evaluated based on developed criteria, which must include capacity utilization and cost.

In a further step, a specific strategy shall be developed to install platform barriers in the entire German railway network. Service disruptions must be kept at a minimum, while also optimizing cost of installation and available personal resources. Meanwhile, necessary additional equipment and resources shall be pointed out.