



# Study on interface between pantographs and overhead lines for six European countries



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Client European Railway Agency (ERA)

Project description Study on interface Euro/1950 - pantographs and the overhead lines used in the following six EU countries: Belgium, France, Spain, Germany, Italy and Poland. [Click here](#) to view the full report of the study on the website of ERA.

TUC RAIL's assignment Scientific study on the interface between pantograph and overhead lines.

Period 2013