



COSIEL Development Agreement

Concessions pursuant to Regional Committee Decree of 17.05.2019 – PA0014850 “COSIEL”

The COSIEL program aims to develop a prototype of an automated checkpoint, and online, of the wheels of rolling stock.

Goals :

- Operation on the track and at full speed of the train
- A possibility of miniaturization and direct integration into the railway infrastructure
- Independence of the type of rolling stock checked
- An architecture based on the most extensive safety principles (SIL4).

Expected results :

- The escalation of alerts, via infrastructure managers, for owners / operators of rolling stock in order to better plan maintenance interventions.
- Significant reductions in transport time, both for passengers and for goods,
- Greater capacity and better quality of service, necessary to improve the competitiveness of rail, and to increase its market share, in particular for freight,

Period

Start date: 15/11/2019

End date: 30/06/2023

Financial support from the Ministry of Economic Development and the PACA Region: 435 705.24€