



European
Commission

Upgrade of all Spanish high speed railway lines to version 2.3.0.d of ERTMS (ETCS+GSMR) 2nd Phase

2014-ES-TM-0512-W

Programme:

CEF Transport

Transport corridor:

Atlantic, Mediterranean

Transport mode:

Rail

Call year:

2014

Location of the Action:

Spain

Implementation schedule:

April 2014 to June 2022

Maximum EU contribution:

EUR 4,190,000

Total eligible costs:

EUR 8,380,000

Percentage of EU support:

50%

Coordinator:

ADIF (Spain)

<http://adif.es>

Status:

Ongoing

Last modified:

March 2023

Action Website:

[link](#)



Deployment of European Railway Traffic Management System is a horizontal priority aiming at ensuring interoperability of the EU railway system.

The Action covers:

- the upgrade of 3 Spanish high speed lines equipped with ERTMS Level 1/Level 2, Baseline 2, release pre-2.3.0d to Baseline 2, Release 2.3.0d
- the upgrade of the GSM-R to Eirene 7/15 specifications.

The three lines are located on the Atlantic Core Network Corridor (1 section of approximately 180 km) and Mediterranean Core Network Corridor (2 sections of approximately 655 km).

The Action is a part of a Global Project on deployment of ERTMS in all Spanish high speed lines and main urban transport nodes. Implementation of the Action will ensure interoperability of a considerable part of the Spanish high speed lines, enabling uninterrupted traffic of ERTMS equipped vehicles.



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Beneficiaries:

Name:

ADIF
ADIF ALTA VELOCIDAD

Country:

Spain
Spain