

PROJECT

LOCATE

Locomotive bogie Condition mAiNTEnance

Funding: European (Horizon 2020)

Duration: Nov 2019 - Oct 2021

Status: Ongoing

Total project cost: €1,499,073

EU contribution: €1,499,073



Call for proposal: H2020-S2RJU-OC-2019

[CORDIS RCN : 226336](#)

Objectives:

The LOCATE project will develop a set of tools to access the condition of freight locomotive bogies to implement a condition based maintenance program. It is the goal of LOCATE to contribute to an optimization of the availability of rolling stock, the quality of service, maintenance costs and return of investment.

The LOCATE project consortium is composed by 6 entities from 4 different countries, namely:

- EVOLEO Technologies: SME dedicated to the development of critical electronic systems;
- IST Instituto Superior Técnico: University and Research Centre
- University of Huddersfield: University and Research Centre
- FGC Ferrocarrils de la Generalitat de Catalunya: Railway Operator, Railway Infrastructure Manager, Railway Entity in charge of Maintenance, Research
- UIC International Union of Railways: International Association of Railways Operators and Infrastructure Managers
- VIBRATEC: SME dedicated to sensing technologies.

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Evoleo Technologies Lda

Address:

Rua Goncalo Mendes Maia 1350 1 H
4425 656 Maia
Portugal

EU Contribution: €245,500

Partner Organisations:

Vibratec

Address:

28 Chemin Du Petit Bois
69131 Ecully

France

EU Contribution: €355,500

Union International Des Chemins De Fer

Address:

16 rue Jean Rey
75015 PARIS
France

Organisation Website:

<http://www.uic.asso.fr>

EU Contribution: €304,125

Ferrocarrils De La Generalitat De Catalunya

Address:

Els Vergós, 44
8028 Barcelona
Spain

EU Contribution: €181,250

University Of Huddersfield

Address:

QUEENSGATE
HUDDERSFIELD
HD1 3DH
United Kingdom

Organisation Website:

<http://www.hud.ac.uk>

EU Contribution: €192,916

Instituto Superior Tecnico

Address:

AVENIDA ROVISCO PAIS 1
1049-001 LISBOA
Portugal

Organisation Website:

<http://www.ist.utl.pt>

EU Contribution: €219,781

Technologies:

Rail vehicle design
Advanced rail bogies

Development phase: Research/Invention

STRIA Roadmaps: Other specified

Transport mode: Rail transport

Transport sectors: Freight transport

Transport policies: Other specified

Geo-spatial type: Other