

PROJECT

R-WAKE

Wake Vortex simulation and analysis to enhance en-route separation management in Europe

Funding: European (Horizon 2020)

Duration: Apr 2016 - Mar 2018

Status: Complete

Total project cost: €998,745

EU contribution: €997,130



Call for proposal: H2020-SESAR-2015-1

[CORDIS RCN : 200856](#)

Objectives:

This project (R-Wake) aims at developing a simulation framework to assess the risk and hazards of potential wake vortex encounters for the en-route phase of flight.

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:

Gtd Sistemas De Informacion Sa

Address:

PASEO GARCIA FARIA 17
08005 BARCELONA
Spain

Organisation Website:

<http://www.gtd.es>

EU Contribution: €226,075

Partner Organisations:

Deep Blue Srl

Address:

Via Ennio Quirino Visconti 8
193 Roma
Italy

EU Contribution: €175,000

Technische Universitaet Braunschweig

Address:

Pockelsstrasse

38106 Braunschweig
Germany

Organisation Website:

<http://www.tu-braunschweig.de>

EU Contribution: €221,375

Universitat Politecnica De Catalunya

Address:

Calle Jordi Girona 31
8034 Barcelona
Spain

Organisation Website:

<http://www.upc.edu>

EU Contribution: €212,750

A-Syst Sa

Address:

ROUTE DE HOLZEM 3
8232 MAMER
Luxembourg

EU Contribution: €72,000

M3 Systems Belgium Sprl

Address:

Rue Devant Les Hêtres 2
6890 Transinne
Belgium

EU Contribution: €89,930

Technologies:

Safety systems
Wake management

Development phase: Research/Invention

STRIA Roadmaps: Network and traffic management systems

Transport mode: Air transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Safety/Security

Geo-spatial type: Other