

PROJECT

DORA

Door to Door Information for Airports and Airlines

Funding: European (Horizon 2020)

Duration: Jun 2015 - Sep 2018

Status: Complete

Total project cost: €4,682,895

EU contribution: €4,682,895



Call for proposal: H2020-MG-2014_TwoStages

[CORDIS RCN : 193356](#)

Objectives:

DORA project is aiming at design and establishment of an integrated information system that helps passengers to optimise travel time from an origin of the travel to the airplane at the departing airport as well as from the arrival airport to the final destination. With it, the DORA integrated information system, which will be created within the project together with necessary software platforms and end user applications, is aiming at reduction of overall time needed for a typical European air travel including necessary time needed for transport to and from the airports.

To ensure this, the DORA system will provide mobile, seamless, and time optimised route recommendations for the travels to the airport and time optimised routing within the airports, leading the passengers through terminals to the right security and departure gates. The DORA will integrate all necessary real time information on disruptions in the land transport environments and on incidents in the airport terminals to provide the fastest route alternatives, ensuring the accessibility of airport and airplane at any time in accordance with individual passengers' requirements. The DORA system will be designed in a generic way, to ensure that it can be widely adopted independently on passengers and airports locations.

In the project, the DORA system will be implemented and tested in realistic environments involving cities of Berlin and Palma di Mallorca as well corresponding airports in both cities with involvement of at least 500 real end users - passengers - in the trials. To support the passengers' route optimisation, the DORA project will investigate and design technologies for recognition of waiting queues and indoor location services in airports, which will be integrated into the DORA system and tested within the project trials.

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:

Eurescom-European Institute For Research And Strategic Studies In Telecommunications Gmbh

Address:

WIEBLINGER WEG 19/4
69123 HEIDELBERG
Germany

Organisation Website:
<http://www.eurescom.eu>

EU Contribution: €556,079

Partner Organisations:

Vbb Verkehrsverbund Berlin-Brandenburg Gmbh

Address:
HARDENBERGPLATZ 2
10623 BERLIN
Germany

EU Contribution: €143,750

Ayuntamiento De Palma De Mallorca

Address:
Plaza De Cort
7001 Palma De Mallorca
Spain

EU Contribution: €37,500

Empresa Municipal De Transports Urbans De Palma De Mallorca S.a

Address:
Josep Anselm Clavé 5
ES07002 Palma de Mallorca
Spain

EU Contribution: €62,394

Creative Systems Engineering (C.s.e) Monoprosopi Epe

Address:
28IS OKTOVRIOU 119
112 51 ATHINA
Greece

EU Contribution: €279,375

Technische Universitat Berlin

Address:
STRASSE DES 17 JUNI 135
10623 Berlin
Germany

Organisation Website:
<http://www.tu-berlin.de>

EU Contribution: €323,750

Flughafen Berlin Schönefeld Gmbh

Address:
SCHONEFELD

12529 BERLIN
Germany

EU Contribution: €306,375

Etra Investigacion Y Desarrollo Sa

Address:

Calle Tres Forques
46014 Valencia
Spain

Organisation Website:

<http://www.grupoetra.com>

EU Contribution: €763,885

Universitat Politecnica De Valencia

Address:

Camino De Vera S/n
46022 Valencia
Spain

Organisation Website:

<http://www.upv.es>

EU Contribution: €258,750

Eureva Sas

Address:

RUE DES TERRES AU CURE 6
75013 PARIS
France

EU Contribution: €370,850

Senatsverwaltung Fur Stadtentwicklung

Address:

Wurttembergische Strasse
10707 Berlin
Germany

Organisation Website:

<http://www.stadtentwicklung.berlin.de>

EU Contribution: €116,250

Vmz Berlin Betreibergesellschaft Mbh

Address:

ULLSTEINSTRASSE - TURM C 114
12109 BERLIN
Germany

EU Contribution: €1,023,500

Aena Desarrollo Internacional

Address:

Arturo Soria 109

28023 Madrid
Spain

EU Contribution: €200,438

Lappeenrannan Teknillinen Yliopisto

Address:

Skinnarilankatu
FIN/A53850 Lappeenranta
Finland

Organisation Website:

<http://www.lut.fi>

EU Contribution: €240,000

Technologies:

Information systems
Travel time optimization
systems

Development phase: Research/Invention

STRIA Roadmaps:

Cooperative, connected and automated transport, Network and traffic management systems

Transport mode: Air transport

Transport sectors: Passenger transport

Transport policies: Digitalisation

Geo-spatial type: Infrastructure Node