## Objective

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.

Field of science

/engineering and technology/civil engineering/transportation engineering/airport engineering

Programme(s)

Topic(s)

Call for proposal

H2020-MG-2014_TwoStages

Funding Scheme

RIA - Research and Innovation action

Coordinator

EURESCOM-EUROPEAN INSTITUTE FOR RESEARCH AND STRATEGIC STUDIES IN TELECOMMUNICATIONS GMBH

Address

Wieblinger Weg 19/4
69123 Heidelberg
Germany

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

EU contribution

€ 556 078,75

Website

Contact the organisation
## Participants (14)

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<th>EU contribution</th>
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Contact the organisation:
UNIVERSITAT POLITECNICA DE VALENCIA

Spain
EU contribution
€ 258 750

Activity type
Higher or Secondary Education Establishments

Address
Camino De Vera Sn Edificio 3A
46022 Valencia

Website
Contact the organisation

CREATIVE SYSTEMS ENGINEERING (C.S.E) MONOPROSOPI EPE

Greece
EU contribution
€ 279 375

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Address
28ls Oktovriou 119
112 51 Athina

Contact the organisation

TECHNISCHE UNIVERSITAT BERLIN

Germany
EU contribution
€ 323 750

Activity type
Higher or Secondary Education Establishments

Address
Strasse Des 17 Juni 135
10623 Berlin

Website
Contact the organisation

LAPPEENRANNAN-LAHDEN TEKNILLINEN YLIOPISTO LUT

Finland
EU contribution
€ 240 000
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AYUNTAMENT DE PALMA DE MALLORCA
Spain
EU contribution
€ 37 500

Address
Plaza De Cort 1
07001 Palma De Mallorca

Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Contact the organisation

SENATSVERWALTUNG FUR STADTENTWICKLUNG
Germany
EU contribution
€ 86 875

Address
Wurttembergische Strasse 6
10707 Berlin

Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Website
Contact the organisation

Empresa Municipal de Transports Urbans de Palma de Mallorca S.A
Spain
EU contribution
€ 62 393,75

Address
Josep Anselm Clavé 5
ES07002 Palma De Mallorca

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation

VBB VERKEHRSVERBUND BERLIN-BRANDENBURG GMBH
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<td>SENATSVERWALTUNG FUER UMWELT, VERKEHR UND KLIimaschutz</td>
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