

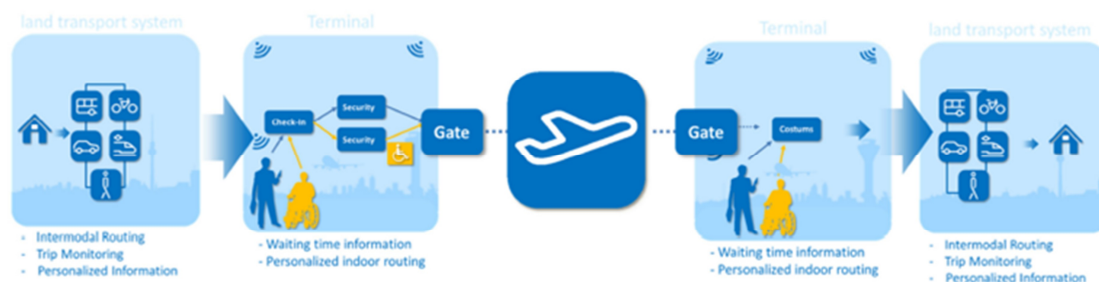
DORA – Door to Door Information for Airports and Airlines



Creating real-time routing service to reduce travel time of air passengers

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.

DORA is a three years Research and Innovation action / project under the EU programme Horizon 2020 (Grant Agreement no. 635885, EC funding of 4,682,895€) started on 1 June 2015.



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Summary of the DORA project schedule:

- Draft definition of DORA use cases and initial specification of DORA architecture – November 2015
- Final specification of DORA system – May 2016
- Basic software components in development ready – January 2017
- Integrated DORA system ready – May 2017
- Technical evaluation of DORA system completed – November 2017
- Final evaluation of DORA system completed – May 2018

DORA project consortium:



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