DATASET2050

Data driven approach for a Seamless Efficient European Travelling in 2050

Funding: European (Horizon 2020)
Duration: Dec 2014 - Nov 2017
Status: Complete
Total project cost: €1,327,017
EU contribution: €1,327,017

Call for proposal: H2020-MG-2014_SingleStage_A
CORDIS RCN: 193715

Objectives:

DATASET2050 (DATA driven approach for a Seamless Efficient Travelling in 2050) is the very first Coordination and Support Action that - through a cutting edge data science approach - will provide insight into the door-to-door European travel paradigm for the current, 2035 and 2050 transport scenarios.

DATASET2050 puts the passenger at the centre, paving the way for a seamless, efficient door-to-door travelling experience. The main focus will be put on analysing how the European transport supply profile (capacity, connections, business models, regulations, intermodality, processes, infrastructure) could adapt to the evolution of the demand profile (customers, demographics, passenger expectations, requirements).

Through expert application of state-of-art predictive analytics, modelling, statistical analyses and data visualisation, with an examination of multimodal data, these analyses will enable the identification of European transport bottlenecks and weak areas across the different scenarios. These findings will serve as a basis for the development of intermodal transport concepts, identifying possible solutions for current and predicted shortcomings. The insights gained through the project’s approach will highlight research needs towards the four hour door-to-door goal formulated by ACARE.

Given the nature and aim of the initiative, the DATASET2050 partners and Advisory Board are comprised of top European transport Entities (universities, policy makers, industry, research Institutes, GIS and inter-/multimodal entities) with major inputs into European strategy agendas. A comprehensive dissemination and communication plan will ensure efficient circulation of the results among key European transport policy makers and stakeholders.

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:

Fundacion Instituto De Investigacion Innaxis
Address:
Calle Marques De Lozoya 23 5A  
28007 Madrid  
Spain  
EU Contribution: €521,875

**Partner Organisations:**

**The University Of Westminster Lbg**

**Address:**  
Regent Street 309  
London  
W1B 2UW  
United Kingdom  
EU Contribution: €278,750

**Eurocontrol - European Organisation For The Safety Of Air Navigation**

**Address:**  
Rue De La Fusée 96  
1130 Bruxelles  
Belgium  
EU Contribution: €256,392

**Bauhaus Luftfahrt Ev**

**Address:**  
Boltzmannstraße  
85748 Garching Near Munich  
Germany  
EU Contribution: €270,000

**Technologies:**

Unclassified  
Non-technology  
**Development phase:** Research/Invention

**STRIA Roadmaps:** Infrastructure  
**Transport mode:** Multimodal transport  
**Transport sectors:** Passenger transport  
Societal/Economic issues, Deployment planning/Financing/Market roll-out  
**Transport policies:** Other  
**Geo-spatial type:** Other