Integrated Multimodal Airport Operations for Efficient Passenger Flow Management

Fact Sheet

Project Information

IMHOTEP

Grant agreement ID: 891287

Funded under
SOCIETAL CHALLENGES - Smart, Green And Integrated Transport

Total cost
€ 1 999 805,00

EU contribution
€ 1 999 805,00

Coordinated by
NOMMON SOLUTIONS AND TECHNOLOGIES SL
Spain

Start date
1 June 2020

End date
30 November 2022

Closed project

This project is featured in...

RESULTS PACK

Bringing intelligent and trustworthy automation to Europe’s aviation sector

17 October 2022

1 of 8
Project description

Giving flight to new airport operations

An integrated transport system that is sustainable, safer and smarter is a major priority for the EU. The EU-funded IMHOTEP project will go beyond collaborative decision-making to propagate information from air transport systems to the public transport network for passenger benefit. The goal is to develop a concept of operations and a set of data analysis methods and tools that allow information sharing, common situational awareness and real-time collaborative decision-making between airports and ground transport stakeholders. A set of case studies at the Palma de Mallorca and the London City airports will be conducted to test these newly developed methods and tools.

Fields of science

natural sciences › computer and information sciences › data science
engineering and technology › civil engineering › transportation engineering › airport engineering

Keywords

Airport CDM  multimodality  passenger journey  real-time decision-making
disruption management

Programme(s)

H2020-EU.3.4. - SOCIETAL CHALLENGES - Smart, Green And Integrated Transport

H2020-EU.3.4.7. - SESAR JU

Topic(s)

SESAR-ER4-13-2019 - Innovation in Airport Operation

Call for proposal
Funding Scheme

RIA - Research and Innovation action

Coordinator

NOMMON SOLUTIONS AND TECHNOLOGIES SL

Net EU contribution

€ 495,987.50

Address

Plaza carlos trias bertran 4 2 planta
28020 Madrid
Spain

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

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

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

Participants (8)

CRANFIELD UNIVERSITY

United Kingdom

Net EU contribution

€ 254,125,00
College road
MK43 0AL Cranfield - Bedfordshire

Region
East of England > Bedfordshire and Hertfordshire > Central Bedfordshire

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

INGENIERIA DE SISTEMAS PARA LA DEFENSA DE ESPANA SA-SME MP

Spain
Net EU contribution
€ 141 625,00

Address
Calle beatriz de bobadilla 3
28040 Madrid

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

AIMSUN SLU

Spain
Net EU contribution
€ 327 875,00

Address
Ronda universitat 22 esc b planta at 08007 Barcelona

Region
Este > Cataluña > Barcelona

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

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

STICHTING HOGESCHOOL VAN AMSTERDAM

Netherlands
Net EU contribution
€ 315 375,00

Address
Wibautstraat 3 b college van bestuur
1091 GH Amsterdam

Region
West-Nederland > Noord-Holland > Groot-Amsterdam

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

TECHNISCHE UNIVERSITAET DRESDEN

Germany
Net EU contribution
€ 322 875,00

Address
Helmholtzstrasse 10
01069 Dresden

Region
Sachsen > Dresden > Dresden, Kreisfreie Stadt

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

AENA S.M.E. SA

Spain

Net EU contribution
€ 51 787,50

Address
Calle peonias 12
28042 Madrid

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

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

Links
Contact the organisation Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

Empresa Municipal de Transports Urbans de Palma de Mallorca S.A
Spain

Net EU contribution
€ 51,787.50

Address
Josep anselm clavé 5
ES07002 Palma de mallorca

Region
Este > Illes Balears > Mallorca

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

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0.00

LONDON CITY AIRPORT LIMITED

United Kingdom

Net EU contribution
€ 38,367.50

Address
City aviation house, royal docks
E16 2PB London

Region
London > Inner London — East > Hackney and Newham

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

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0.00