Objective

ALICIA addresses the ACARE objective of increasing time efficiency within the future air transport system. The aim will be to develop a new and scalable cockpit application which can extend operations of aircraft in degraded conditions – “All Conditions Operations”. A key objective will be to deliver an extensible application that can be applied to many aircraft types. This will necessarily entail a new cockpit infrastructure capable of delivering enhanced situation awareness to the crew whilst simultaneously reducing crew workload and improving overall aircraft safety. All Conditions Operations, other challenging applications and the desire for reduced crew will mean that the crew station interface will be challenged beyond the reach of the current state-of-the-art. Accordingly, a radical rethink is required to manage the escalating complexity whilst simultaneously enhancing safety and controlling through life cost. Thus, the next significant step in cockpit design will require a holistic integration of technologies allowing the crew to process and act on information concurrently and intuitively, using an optimum combination of their visual, tactile and audio senses. In the concept envisaged, use will be made of precision navigation,
synthetic vision, high integrity databases, sensor and sensor data and image fusion, obstacle warning systems, taxi autopilots, touch screens, large area displays, voice/audio and multimodal input/output devices to deliver an All Conditions Operations application integrated within an enhanced crew interface. A major objective will be to deliver a common, and open standard interface which can manage existing core applications across all aircraft types whilst simultaneously supporting the needs of challenging new applications. The ALICIA project is uniquely placed to deliver the capability necessary to facilitate the next big step in crew station design.

Field of science

/social sciences/social and economic geography/transport
/ engineering and technology/mechanical engineering/vehicle engineering/aerospace engineering/aircraft

Programme(s)

Topic(s)

Call for proposal

FP7-AAT-2008-RTD-1

Funding Scheme

CP-IP - Large-scale integrating project

Coordinator

AGUSTAWESTLAND LIMITED

Address
Lysander Road
BA20 2YB Yeovil
United Kingdom

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

EU contribution
€ 4 078 819

Website
Contact the organisation

Administrative Contact
Robert Blake (Mr.)
Participants (41)

THALES AVS FRANCE SAS

France
EU contribution
€ 4 052 439

Address
75-77 Avenue Marcel Dassault
33700 Merignac

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

Website
Contact the organisation

Administrative Contact
Thierry Filloux (Mr.)

DIEHL AEROSPACE GMBH

Germany
EU contribution
€ 1 041 787

Address
Alte Nussdorfer Strasse 23
88662 Ueberlingen

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

Website
Contact the organisation

Administrative Contact
Michael Jirsch (Mr.)

AIRBUS OPERATIONS SAS

France
EU contribution
€ 215 863

Address
Route De Bayonne 316
31060 Toulouse

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

Contact the organisation

Administrative Contact
DASSAULT AVIATION

France
EU contribution
€ 483 834

Address
9 Rond Point Champs-elysees-marcel Dassault
75008 Paris

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

Website
Contact the organisation

Administrative Contact
Thierry Picot (Mr.)

ALENIA AERMACCHI SPA

Italy
EU contribution
€ 1 668 292

Address
Piazza Monte Grappa 4
00195 Roma

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

Website
Contact the organisation

Administrative Contact
Patrice Bonnet (Mr.)

SAAB AKTIEBOLAG

Sweden
EU contribution
€ 310 645

Address
581 88 Linkoping

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

Website
Contact the organisation

Administrative Contact
Donatella Invernizzi (Dr.)
AIRCRAFT INDUSTRIES, A.S.

Czechia
EU contribution
€ 149 574

Address
Na Zahonech 1177
68604 Kunovice

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

Contact the organisation

Administrative Contact
Marcela Sapakova (Ms.)

CAE (UK) Plc

United Kingdom
EU contribution
€ 65 075.06

Address
Innovation Drive
RH15 9TW Burgess Hill

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

Website
Contact the organisation

Administrative Contact
Iain Cadle (Mr.)

WYWTONIA SPRZETU KOMUNIKACYJNEGO PZL-Swidnik Spolka Akcyjna

Poland
EU contribution
€ 149 025

Address
Al. Lotnikow Polskich 1
21045 Swidnik

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

Website
Contact the organisation

Administrative Contact
Pawel Chojnacki (Mr.)
BAE SYSTEMS (OPERATIONS) LIMITED
United Kingdom
EU contribution
€ 913 650
Address
Warwick House Farnborough Aerospace Centre
GU14 6YU Farnborough
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Website
Contact the organisation
Administrative Contact
Helen Eldridge (Ms.)

GE AVIATION SYSTEMS LIMITED
United Kingdom
EU contribution
€ 366 237
Address
Cheltemham Road
NW11 8DS Bishops Cleeve
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation
Administrative Contact
Kevin Bazeley (Mr.)

AGUSTA S.P.A.
Italy
EU contribution
€ 1 495 541
Address
Via Giovanni Agusta 520
21017 Samarate Varese
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Website
Contact the organisation
Administrative Contact
Luigi Bottasso (Mr.)
<table>
<thead>
<tr>
<th>Organisation</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIRBUS DEFENCE AND SPACE GMBH</td>
<td>€ 704,559</td>
<td>Willy-messerschmitt-strasse 1</td>
<td>Private for-profit entities</td>
</tr>
<tr>
<td></td>
<td></td>
<td>82024 Taufkirchen</td>
<td>(excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>Jeppesen GmbH</td>
<td>€ 414,940</td>
<td>Frankfurter Strasse 233</td>
<td>Private for-profit entities</td>
</tr>
<tr>
<td></td>
<td></td>
<td>63263 Neu-isenburg</td>
<td>(excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>ROCKWELL COLLINS FRANCE</td>
<td>€ 639,471</td>
<td>Avenue Didier Daurat 6</td>
<td>Private for-profit entities</td>
</tr>
<tr>
<td></td>
<td></td>
<td>31701 Blagnac</td>
<td>(excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>Organisation</td>
<td>Country</td>
<td>EU Contribution</td>
<td>Address</td>
</tr>
<tr>
<td>--------------</td>
<td>---------</td>
<td>-----------------</td>
<td>---------</td>
</tr>
<tr>
<td>BARCO NV</td>
<td>Belgium</td>
<td>€ 163 976</td>
<td>President Kennedypark 35 8500 Kortrijk</td>
</tr>
<tr>
<td>LATECOERE SA</td>
<td>France</td>
<td>€ 610 255</td>
<td>Rue De Periole 135 31079 Toulouse</td>
</tr>
<tr>
<td>DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT EV</td>
<td>Germany</td>
<td>€ 539 719,25</td>
<td>Linder Hohe 51147 Koln</td>
</tr>
<tr>
<td>OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES</td>
<td>France</td>
<td>EU Contribution</td>
<td>Contact the organisation</td>
</tr>
</tbody>
</table>
STICHTING NATIONAAL LUCHT- EN RUIMTEVAARTLABORATORIUM
Netherlands
EU contribution
€ 531 563
Address
Anthony Fokkerweg 2
1059CM Amsterdam
Activity type
Research Organisations
Website
Contact the organisation
Administrative Contact
Jaap Groeneweg (Mr.)

FEDERAL STATE UNITARY ENTERPRISE THE CENTRAL AEROHYDRODYNAMIC INSTITUTE NAMED AFTER PROF. N.E. ZHUKOVSKY
Russia
EU contribution
€ 347 563
Address
Zhukovsky Str 1
140180 Zhukovsky
Activity type
Research Organisations
Website
Contact the organisation
Administrative Contact
Natalia Lunyakova (Ms.)

METEO-FRANCE
France
EU contribution
€ 235 136
Address
Avenue De Paris 73
94165 Saint Mande Cedex
Activity type
Research Organisations
C.I.R.A. CENTRO ITALIANO RICERCHE AEROSPAZIALI SCPA

Italy
EU contribution
€ 323 402

Address
Via Maiorise
81043 Capua

Activity type
Research Organisations

Administrative Contact
Federico Tammaro (Dr.)

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

Spain
EU contribution
€ 489 695

Address
Calle Beatriz De Bobadilla 3
28040 Madrid

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

Administrative Contact
Juan Alberto Herrería García (Mr.)

INTUILAB

France
EU contribution
€ 416 132

Address
Les Triades A - Rue Galilée
31672 Labege Cedex

Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)
Administrative Contact
Patricia Corsaut (Ms.)

USE2ACES BV
Netherlands
EU contribution
€ 563 899

Address
Houtsnip 2
1902 KK Castricum

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

Website
Contact the organisation

Administrative Contact
Willem Huson (Mr.)

GTD SISTEMAS DE INFORMACION SA
Spain
EU contribution
€ 619 910

Address
Paseo Garcia Faria 17
08005 Barcelona

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

Website
Contact the organisation

Administrative Contact
Matteo Bertuzzi (Mr.)

DEEP BLUE SRL
Italy
EU contribution
€ 819 124

Address
Via Ennio Quirino Visconti 8
00193 Roma

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

Website
Contact the organisation
DBS Systems Engineering GmbH

Germany

EU contribution

€ 108 500

Address

Rheinbabenallee 15
14199 Berlin

Activity type

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

Website

Contact the organisation

Administrative Contact

Francesca Margiotta (Ms.)

A-Volute

France

EU contribution

€ 559 323

Address

Rue De Corneille 25
59100 Roubaix

Activity type

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

Website

Contact the organisation

Administrative Contact

Daniel Bandow (Dr.)

SDT Uzay ve Savunma Teknolojileri Bilisim Uretim Danismanlik Ticaret A.S.

Turkey

EU contribution

€ 520 085

Address

Ödtk Teknokent Galyum Blok Kat 2. 2
06531 Ankara

Activity type

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

Website

Contact the organisation

Administrative Contact

Tuyen Pham (Mr.)
<table>
<thead>
<tr>
<th>Organisation</th>
<th>Country</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity type</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUNDACION TECNALIA RESEARCH &amp; INNOVATION</td>
<td>Spain</td>
<td>€ 595 899,99</td>
<td>Parque Cientifico Y Tecnologico De Gipuzkoa, Paseo Mikeletegi 2, 20009 Donostia/san Sebastian (Gipuzkoa)</td>
<td>Research Organisations</td>
<td></td>
</tr>
<tr>
<td>AVTECH Sweden AB</td>
<td>Sweden</td>
<td>€ 386 375</td>
<td>Lönnvägen 2, 18443 Åkersberga</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
<td></td>
</tr>
<tr>
<td>TECHNISCHE UNIVERSITAET BRAUNSCHWEIG</td>
<td>Germany</td>
<td>€ 468 950</td>
<td>Universitaetsplatz 2, 38106 Braunschweig</td>
<td>Higher or Secondary Education Establishments</td>
<td></td>
</tr>
<tr>
<td>Organisation</td>
<td>Country</td>
<td>EU contribution</td>
<td>Address</td>
<td>Activity type</td>
<td>Website</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>---------------</td>
<td>-----------------</td>
<td>----------------------------------------------</td>
<td>---------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>UNIVERSITA TA MALTA</td>
<td>Malta</td>
<td>€ 253 640</td>
<td>University Campus, Tal-qroqq 2080 Msida</td>
<td>Higher or Secondary Education Establishments</td>
<td></td>
</tr>
<tr>
<td>ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA</td>
<td>Italy</td>
<td>€ 155 280</td>
<td>Via Zamboni 33 40126 Bologna</td>
<td>Higher or Secondary Education Establishments</td>
<td></td>
</tr>
<tr>
<td>STIRLING DYNAMICS LTD</td>
<td>United Kingdom</td>
<td>€ 320 426</td>
<td>Regent Street 26 Clifton BS8 4HG Bristol</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
<td></td>
</tr>
<tr>
<td>AYDIN YAZILIM VE ELEKTRONIK SANAYI</td>
<td>Turkey</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EU contribution

INTERCONSULTING SRL

Italy

EU contribution

€ 213 090,20

Address
Via Adriano Olivetti 24
00131 Roma

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

Website

Contact the organisation

Administrative Contact
Cristina Martello (Dr.)

THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN

Ireland

EU contribution

€ 356 860

Address
College Green
2 Dublin

Activity type
Higher or Secondary Education Establishments

Website

Contact the organisation

Administrative Contact
Deirdre Savage (Ms.)

UNIVERSITY OF SOUTHAMPTON

United Kingdom

EU contribution
EU contribution: € 474 094,50

Address
Highfield
SO17 1BJ Southampton

Activity type
Higher or Secondary Education Establishments

Website
Contact the organisation

Administrative Contact
Yan Qiao (Ms.)

Last update: 16 July 2019
Record number: 94417

Permalink: https://cordis.europa.eu/project/id/233682/

© European Union, 2020