

PROJECT

ICARe

International Cooperation in Aviation Research

Funding: European (Horizon 2020)

Duration: Oct 2017 - Mar 2020

Status: Complete

Total project cost: €1,790,716

EU contribution: €1,790,716



[CORDIS RCN : 213430](#)

Objectives:

ICARe is a Coordination and Support Action addressing the international cooperation area of the topic MG-1.5-2016-2017: Identification of gaps, barriers and needs in the aviation research.

Europe has a leading position in aviation, but needs to maintain and strengthen this position. A new Strategic Research and Innovation Agenda (SRIA) was elaborated by ACARE to address this challenge.

The international cooperation contributes to the achievement of SRIA goals but requires a dedicated strategy based on a holistic approach and in-depth analysis. ICARe will fulfil this gap and deliver recommendations with regards to International Cooperation for the Aviation Research and Innovation.

To do so, ICARe starts with the analysis of past and current cooperation in order to draw lessons. A worldwide mapping of technologies of interest for aviation – (even if they originate from other sectors) will be embedded in a secured on-line database. For each of the 21 countries addressed previously by the ACARE INCO group in 2015, a detailed and documented country profile will be established, including technical and non-technical aspects (IPR, trade regulations, cultural barriers and funding organizations, etc.). These results will be enhanced by concrete dialogues and actions through 6 open platforms with the representatives of selected countries (USA, Japan, Canada, China, Russia and the 6th country to be selected during the project).

Thanks to this approach, ICARe will support the European Commission in the definition on its International cooperation strategy. ICARe will also facilitate existing and future partnerships in order to fulfil the technological needs identified in the SRIA. The consortium includes 12 partners representing industries, operators, research centers, universities, and international organizations, all being members of ACARE's working group. Important European stakeholders will be involved in the Advisory Board. Required EU contribution is less than 1.8M€.

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:

Erdyn Consultants

Address:

Rue Vergniaud 23
75013 Paris
France

EU Contribution: €536,025

Partner Organisations:

Honeywell International Sro

Address:

V PARKU 2325/16 CHODOV
148 00 PRAHA
Czech Republic

EU Contribution: €31,534

Eurocontrol - European Organisation For The Safety Of Air Navigation

Address:

Rue De La Fusée 96
1130 Bruxelles
Belgium

EU Contribution: €56,313

Office National D' Etudes Et De Recherches Aérospatiales

Address:

29, avenue de la Division Leclerc
BP72 CHÂTILLON CEDEX
France

Organisation Website:

<http://www.onera.fr>

EU Contribution: €215,740

Bae Systems (Operations) Limited

Address:

Warwick House, Farnborough Aerospace Centre
FARNBOROUGH, HAMPSHIRE
GU14 6YU
United Kingdom

Organisation Website:

<http://www.baesystems.com>

EU Contribution: €104,025

Deutsches Zentrum Fr Luft Und Raumfahrt E.v

Address:

Linder Hoehe
51147 KOELN
Germany

Organisation Website:

<http://www.dlr.de>

EU Contribution: €166,395

Easn Technology Innovation Services Bvba

Address:

Terweidenstraat 28
3440 Budingen
Belgium

EU Contribution: €152,500

Thales Avs France Sas

Address:

75-77 Avenue Marcel Dassault
33700 Merignac
France

EU Contribution: €84,035

Aerospace Valley

Address:

Avenue Edouard Belin 23
31400 Toulouse
France

EU Contribution: €74,644

Dassault Aviation

Address:

9, Rond-Point des Champs-Élysées - Marcel Dassault
75008 PARIS
France

Organisation Website:

<http://www.dassault-aviation.com>

EU Contribution: €125,398

European Aviation Safety Agency

Address:

Ottoplatz 1
50679 Koeln
Germany

EU Contribution: €82,233

Centre Internacional De Metodes Numerics En Enginyeria

Address:

C Gran Capitan, Edifici C1, Campus Nord Upc Sn
8034 Barcelona
Spain

Organisation Website:

<http://www.cimne.com>

EU Contribution: €46,250

Rolls Royce Plc

Address:

65 Buckingham gate
LONDON
SW1E 6AT
United Kingdom

Organisation Website:

<http://www.rolls-royce.com>

EU Contribution: €115,625

Technologies:

Unclassified
Non-technology

STRIA Roadmaps: Other specified

Transport mode: Air transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Other specified

Geo-spatial type: Other