

# ACROSS

Advanced Cockpit for Reduction Of Stress and Workload

## D.12.4 Proceedings Final Event (=D12.1-4)

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### Responsible Partner

DeepBlue

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## Executive summary

The ACROSS Public Forum and Exhibition was held in Rome, Italy, at the Casa dell'Aviatore on the 9th of February 2016. The public event was attended by around 110 people from all over Europe.

The objective of the event was to show visitors the results achieved by ACROSS, and to provide them a unique opportunity to explore the new cockpit solutions and innovations developed by the project to maintain flight safety.

This document reports on the Public Forum and Exhibition organised by ACROSS. Detailed multimedia content related to the event is available on the project website: [www.across-fp7.eu/public-forum-and-exhibition/](http://www.across-fp7.eu/public-forum-and-exhibition/)

## Partners involved in the document

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2	Airbus Operations SAS	A-F	
3	Dassault Aviation S.A.	DAV	
4	BAE Systems (Operations) Ltd	BAE	
5	National Aerospace Laboratory	NLR	
6	DeepBlue	DBL	<b>X</b>
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10	Deutsches Zentrum für Luft- und Raumfahrt e.V.	DLR	
11	Airbus Group Innovations (AGI)	EADS G	
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14	Hellenic Aerospace Industry S.A.	HAI	
15	Ingeniería de Sistemas para la Defensa de España, S. A. (ISDEFE)	ISD	
16	Stirling-Dynamics	STIRL	
17	Turkish Aerospace Industry	TAI	
18	Trinity College Dublin	TCD	
19	Thales Training & Simulation	TTS	
20	TriaGnoSys GmbH	TGS	
21	Thales Nederland BV	TRT	
22	Technische Universität Braunschweig	TUBS	
23	Technical University of Delft	TUD	
24	University of Malta	UOM	
25	USE2ACES b.v.	U2A	
26	Zodiac Aerospace - ECE	ZDC	

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<b>27</b>	Diehl Aerospace GmbH	DAS	
<b>28</b>	GTD Sistemas de Información	GTD	
<b>29</b>	EADS Innovation Works France	EADS F	
<b>30</b>	Tony Henley Consulting	THL	
<b>31</b>	Boeing RTE	BRTE	
<b>32</b>	SELEX ES SPA	SEL	
<b>33</b>	Warsaw University of Technology	WUT	
<b>34</b>	Airbus Operations Ltd	A-UK	
<b>35</b>	Airbus Operations GmbH	A-D	

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## List of abbreviations

EEAG	External Experts Advisory Group
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## 1 SET-UP

The ACROSS Public Forum and Exhibition was held on the **9<sup>th</sup> of February 2016 in Rome, Italy** at the Casa dell'Aviatore.

### 1.1 Objectives

The event aimed at showing the audience the results achieved by ACROSS. It provided a unique opportunity to explore the new cockpit solutions and innovations developed to alleviate crew workload in order to maintain and improve flight safety in two-pilot operations.

It was also the occasion to bring together all the members of the Consortium to let them see first-hand the technologies exhibited by the other partners. These technologies were illustrated through prototypes, videos and posters.

#### 1.1.1 Agenda

The event started with a Forum, consisting in a brief presentation of ACROSS, followed by the opening of the Exhibition. Free visits allowed visitors to engage with the members of the Consortium and interact with the technologies on display.

After a networking lunch, visitors were involved in groups guided tour of the exhibition area.

<b>Public Forum and Exhibition Agenda</b>		
<b>Tuesday the 9<sup>th</sup> of February, 2016</b>		
<b>9.00</b>	Registration and Welcome Coffee	<b>HALL ROOM "BARACCA"</b> First Floor
<b>9.30</b>	Introduction to the project (Thierry Maret and Wim Huson)	ROOM "BARACCA" First Floor
<b>10.30</b>	<i>Coffee break</i>	<b>HALL ROOM "BARACCA"</b> First Floor
<b>11.00</b>	Opening of the exhibition	ROOM "SOCI" Ground Floor
<b>12.45</b>	<i>Networking Lunch</i>	<b>HALL ROOM "BARACCA"</b> First Floor
<b>14.00</b>	Exhibition Open access	ROOM "SOCI" Ground Floor
<b>15.00</b>	Guided tour for students	ROOM "SOCI" Ground Floor
<b>15.30</b>	<i>Coffee break</i>	<b>HALL ROOM "BARACCA"</b> First Floor
<b>17.30</b>	Closure	

Figure 1. Event Agenda

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## 2 FORUM AND EXHIBITION

### 2.1 Project presentation

The Project Coordinator, Thierry Maret, and EEAG Group Chairman Wim Huson opened the forum introducing the project to the audience.

Their presentation briefly illustrated the project objectives and work programme, focussed on the six technological pillars explored by ACROSS, and then provided a thorough overview of the various solutions developed within the project.

The presentation is available on the ACROSS website: [www.across-fp7.eu/public-forum-and-exhibition/#presentation](http://www.across-fp7.eu/public-forum-and-exhibition/#presentation)

### 2.2 Posters

Two kinds of posters enriched the exhibition. General posters presenting the project, its methodology and its results welcomed visitors. Posters illustrating in detail the various technologies on display accompanied the audience throughout the visit.

All posters are available on the ACROSS website: [www.across-fp7.eu/public-forum-and-exhibition/#posters](http://www.across-fp7.eu/public-forum-and-exhibition/#posters)

### 2.3 Photo-gallery

A photo-gallery of the exhibition, providing an overview of the posters and technologies showed, is available on the ACROSS website: [www.across-fp7.eu/public-forum-and-exhibition/#photos](http://www.across-fp7.eu/public-forum-and-exhibition/#photos)

### 2.4 Video

A video of the event is available on the ACROSS website, summarising the whole day in a nutshell: [www.across-fp7.eu/public-forum-and-exhibition/#video](http://www.across-fp7.eu/public-forum-and-exhibition/#video)

## 3 PARTICIPANTS

Around 110 people from all over Europe attended the event, including both internal and external participants and members of the EEAG Group.

Participants included representatives from regulatory bodies, research institutions, aviation industries, the civil aviation and the Italian Air Force.

### ACROSS Public Forum and Exhibition Participants' composition

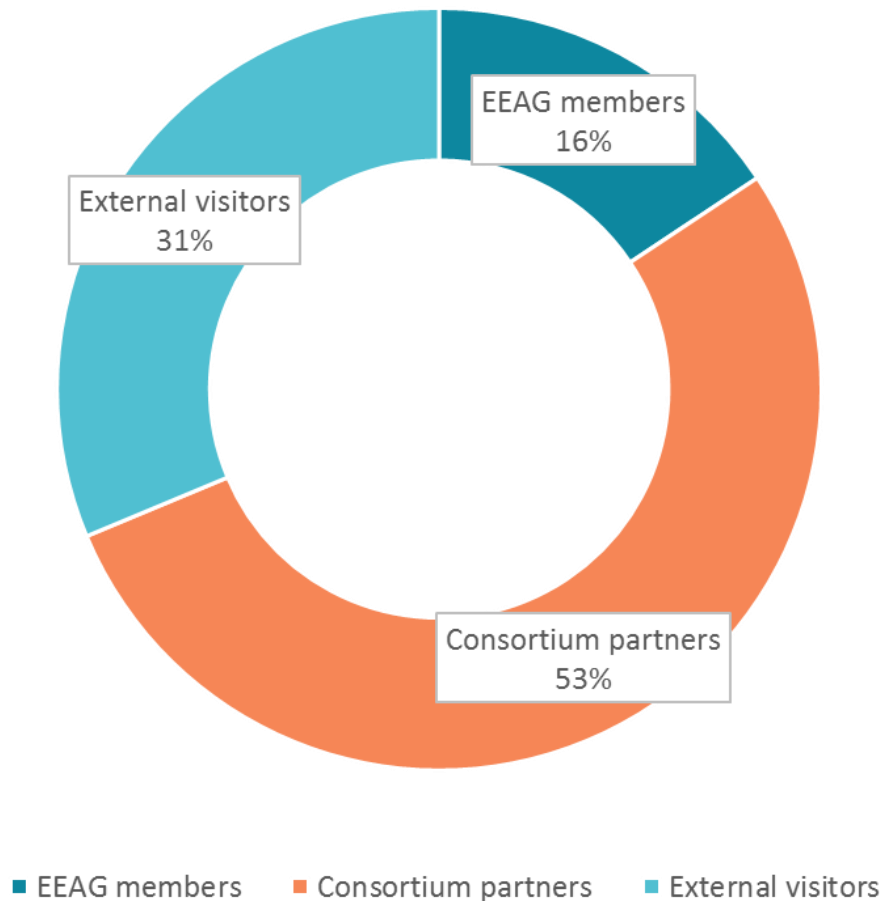


Figure 2. Participants' composition

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List of attendees from the **ACROSS EEAG Group** (18 people):

<b>SURNAME</b>	<b>NAME</b>	<b>COMPANY</b>
BAKKER	Ruud	B4AS b.v.
BUFFAT	Stephane	Mindef France
CABON	Philippe	University Paris Descartes
CHIALASTRI	Antonio	STASA Study Centre
CONTISSA	Giuseppe	European University Institute
COX	Peter	Honourable Company of Air Pilots
KAIHATU	Wouter	Nederlands Police Agency
KOWALSKI	Aleksander	BALPA
LUNNON	Robert	Retired from UK Met Office
NICOLAON	Jean-Pierre	Independent ATM Advisor
RANKIN	John	Ex British Airways and Altas Air
SCHOENBERGER	Rolf	Vereinigung Cockpit - German Pilots Association
SCHULTE	Axel	UniBwM, Institute of Flight Systems
SHOCRON	Ariel	ECA - European Cockpit Association
SIMONS	Ries	Consultant Aerospace Medicine
VERNALEKEN	Christoph	Airbus Defence and Space
WAGSTAFF	Anthony	Institute of Aviation Medicine, Oslo and European Society of Aerospace Medicine
ZAMBETTI	Florence	Lannion Airport

Table 1: EEAG group attendees

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List of attendees from the **ACROSS Consortium** (61 people):

<b>SURNAME</b>	<b>NAME</b>	<b>COMPANY</b>
ARIAS MESA	David	ISDEFE
BECOARN	Loïc	THALES-AVIONICS S.A.
BIRLING	Florent	GTD SISTEMAS DE INFORMACIÓN
BOVERIE	Serge	CONTINENTAL
BRETSCHNEIDER	Lutz	TECHNISCHE UNIVERSITÄT BRAUNSCHWEIG
CETINTAS	Akif	TURKISH AEROSPACE INDUSTRY
CHENEVIER	Quentin	AIRBUS OPERATIONS SAS
CINTRA	Joao	GMVIS SKYSOFT, S.A.
CONVARD	Thomas	EADS INNOVATION WORKS FRANCE
COUVET	Serge	THALES TRAINING & SIMULATION
CUEVAS	Gustavo	ISDEFE
DAUTERMANN	Thomas	DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.
DE BOSSOREILLE	Romain	ZODIAC AEROSPACE - ECE
DE PIANO	Rosa	DEEP BLUE
DREYER	Daniel	EADS INNOVATION WORKS GERMANY
ELLERBROEK	Joost	TECHNICAL UNIVERSITY OF DELFT
FERRAIUOLO	Vera	DEEP BLUE
FERREIRA	Ana	DEEP BLUE
FEUERLE	Thomas	TECHNISCHE UNIVERSITÄT BRAUNSCHWEIG
FLOTTE	Laurent	THALES-AVIONICS S.A.

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GAUCI	Jason	UNIVERSITY OF MALTA
GIRALT	Alain	CONTINENTAL
GÓMEZ DEPOORTER	Dirk	TRIAGNOSYS GMBH
GOODCHILD	Clive	BAE SYSTEMS (OPERATIONS) LTD
HANCOCK	Simon	STIRLING-DYNAMICS
HOOGSTRA	Wouter	THALES NEDERLAND BV
HUSON	Wim	USE2ACES B.V.
KAY	Alison	TRINITY COLLEGE DUBLIN
KORN	Bernd	DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.
KOU	Paul	DASSAULT AVIATION S.A.
LOOYE	Gertjan	DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.
MARET	Thierry	THALES-AVIONICS SAS
MC DONALD	Nick	TRINITY COLLEGE DUBLIN
MORRISON	Rabea	TRINITY COLLEGE DUBLIN
MULDER	Max	TECHNICAL UNIVERSITY OF DELFT
NAHMIYACE	Michaël	ZODIAC AEROSPACE - ECE
NAPOLETANO	Linda	DEEP BLUE
NEVES	Jose	GMVIS SKYSOFT, S.A.
NICHOLS	Mark	BAE SYSTEMS (OPERATIONS) LTD
OFFREDI	Matthew	BAE SYSTEMS (OPERATIONS) LTD
PASQUINI	Alberto	DEEP BLUE
PEYRONNET	Pascal	THALES TRAINING & SIMULATION

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ROBERTS	Kenneth	STIRLING-DYNAMICS
ROUWHORST	Wilfred	NATIONAL AEROSPACE LABORATORY
ROZZI	Simone	DEEP BLUE
RUIGROK	Rob	NATIONAL AEROSPACE LABORATORY
SALMON LEGAGNEUR	François	DASSAULT AVIATION S.A.
SCHNEIDER	Nicolas	EADS INNOVATION WORKS FRANCE
STARK	Niels	JEPPESEN GMBH
STEEN	Meiko	TECHNISCHE UNIVERSITÄT BRAUNSCHWEIG
STEINMETZ	Vincent	USE2ACES B.V.
TOPCZEWSKI	Sebastian	WARSAW UNIVERSITY OF TECHNOLOGY
TRAVERSE	Pascal	AIRBUS OPERATIONS SAS
VAN BIRGELEN	Tom	NATIONAL AEROSPACE LABORATORY
VAN MAANEN	Martijn	USE2ACES B.V.
VARKEVISSER	Michel	THALES NEDERLAND BV
VERHOEVEN	Ronald	NATIONAL AEROSPACE LABORATORY
VURAL	Murat	TURKISH AEROSPACE INDUSTRY
WEDZINGA	Gosse	NATIONAL AEROSPACE LABORATORY
ZAMMIT MANGION	David	UNIVERSITY OF MALTA
ZUGAJ	Marcin	WARSAW UNIVERSITY OF TECHNOLOGY

Table 2: ACROSS Consortium attendees

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List of external visitors (36 people):

<b>SURNAME</b>	<b>NAME</b>	<b>ORGANISATION NAME</b>
ARRIGONI	Vanessa	Deep Blue
ASTORRI	Marcello	IDS
BARLATI	Marianna	-
BARRA	Bruno	STASA Study Centre
BARRACO	Giovanni	ENAC - Ente Nazionale per l'Aviazione Civile
BERGANTINO	Vincenzo	Italian Air Force - Official Test Centre
BERNABÒ	Marcello	Consorzio Interuniversitario per le Telecomunicazioni
BONELLO	Mauro	ASSOAPR
BORGHINI	Gianluca	BrainSigns
CECCARONI	Marta	Deep Blue
CROCCOLO	Fabio	DIGIFEMA - MIT
CUCCOLI	Fabrizio	CNIT
HEALY	John	British Airways
KUNES	David	Honeywell
LICCHELLI	Luigi	Capitanerie di Porto
LOMBARDO	Attilio	STASA Study Centre
MARESCA	Francesco	Italian Air Force
MEDURI	Valentino	STASA Study Centre
MUCCITELLI	Chiara	Deep Blue
PALUZZI	Emiliano	Italian Air Force - Official Test Centre

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PAOLOZZI	Roberto	Former Air Traffic Controller and Flight Operations Officer
POZZI	Simone	Deep Blue
QUARTUCCI	Raffaele	Italian Air Force
RAGOSTA	Martina	Deep Blue
RAMPA	Edmondo	Ex Cpt Alitalia
RIZZO	Stefano	Italian Air Force
ROMAGNOLI	Dario	STASA Study Centre
SAVE	Luca	Deep Blue
SCHOLTZE	Maurizio	STASA Study Centre
SERAFINO	Gabriella	SELEX ES
SILVAGNI	Sara	Deep Blue
SYTCHKOVA	Anna	ENEA
TAMBURINI	Roberto	ASSOAPR
TOMASELLO	Paola	Deep Blue
TOOMER	Richard	British Airline Pilots' Association
TORANI	Matteo	Centro Europeo di Studi Manageriali

Table 3: External visitors

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