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D4.4 Report on information and networking events in UA during M19-M36

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PU	Public	X
PP	Restricted to other program participants (including the EC Services)	
RE	Restricted to a group specified by the consortium (including the EC Services)	
CO	Confidential, only for members of the consortium (including the EC)	

The overall aim of the AERO-UA project is to stimulate aviation research collaboration between the EU and Ukraine through strategic and targeted support. AERO-UA is focused solely on Ukraine, because the country has a huge aerospace potential but a low level of aviation research collaboration with the EU. Ukraine's aerospace sector spans the full spectrum of systems and components development and production with OEMs, Tier 1 and 2 suppliers, aeroengine manufacturers, control systems manufacturers, R&D institutions, aeronautic universities, and SMEs. This is also reflected in the sector's important contributor to the country's economy (e.g. aircraft production of €1,9 billion in 2011).

Ukrainian aerospace organisations possess unique know-how that can help Europe address the challenges identified in the ACARE SRIA / Flightpath 2050 Report. Furthermore, following the signing of the Agreement for the Association of Ukraine to Horizon 2020 in March 2015, Ukrainian organisations are eligible to participate in Clean Sky 2 and H2020 Transport on the same funding terms as those from EU member states. Equally, genuine commercial opportunities exist for European aviation organisations to help modernise Ukraine's aerospace sector.

The AERO-UA project will achieve its overall aim via four high-level objectives:

1. Identifying the barriers to increased EU-UA aviation research collaboration;
2. Providing strategic support to EU-UA aviation research collaboration;
3. Supporting EU-UA aviation research knowledge transfer pilot projects; and
4. Organising awareness-raising and networking between EU-UA stakeholders.

The AERO-UA consortium is comprised of key EU and UA aviation organisations that will implement WPs closely mapped to the high-level objectives. The consortium will be supported by an Advisory Board involving Airbus, DLR, Min. Education and Science of Ukraine, Ukrainian State Air Traffic Services Enterprise and retired Director of EADS Jean-Pierre Barthélemy.

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Table of Contents

1.	Introduction	4
2.	AERO-UA networking event, Kharkiv, 31 May 2018	5
2.1	Aims of the event.....	5
2.2	Target audience.....	5
2.3	Promotion of event	6
2.4	Participants.....	7
2.5	Event agenda	10
2.6	Overview of activities.....	11
2.7	Coverage of the event in local media	14
3.	AERO-UA networking event, Zaporizhzhya, 25 April 2019	15
3.1	Aims of the event.....	15
3.2	Target audience.....	15
3.3	Promotion of event	16
3.4	Participants.....	17
3.5	Event agenda	20
3.6	Overview of activities.....	21
3.7	Coverage of the event in local media	23
4.	Smaller information events in Ukraine during M19-M36.....	24
4.1	Kharkiv Information Day “Horizon 2020: rules and opportunities for participation”	24

1. Introduction

This document constitutes a report on the Horizon 2020 AERO-UA project's second and third information and networking events - which took place on May 31, 2018 in the Platinum Plaza Business Centre, Kharkiv and April 25, 2019 in the Conference Hall at Intourist Hotel, Zaporizhia respectively - as well as an additional information event that took place November 15, 2018 at Kharkiv National University.

The Kharkiv event consisted of information and networking session, consortium meeting, Advisory Board meeting and Factory Tours to Aerospace Company PJSC "FED", State Scientific Production Enterprise "Kommunar Corporation" and National Technical University "Kharkov Polytechnic Institute" (see *D4.5 Report on factory tours and technical visits in UA and EU during M19-M36*). It was organised by the **National Aerospace University "KhAI"** with the support of the other consortium partners and attracted more than 50 participants from research, business and state organizations from Ukraine and European countries.

The Zaporizhia event consisted of information and networking session, consortium meeting, Advisory Board meeting and Factory Tours to State Enterprise "Ivchenko-Progress" and MOTOR SICH JSC (see *D4.5 Report on factory tours and technical visits in UA and EU during M19-M36*). It was organised by **SE "Ivchenko-Progress"** with the support of the other consortium partners and attracted more than 60 participants from research, business and state organizations from Ukraine and European countries.

The additional Kharkiv event was devoted to discussions about Horizon 2020 opportunities open for Ukrainian scientists, research institutions and organizations. The info-day was attended by 183 persons including rectors of universities and heads of research institutions of Kharkiv region, faculty members, researchers, postgraduate students.

This report captures the following information: event aims and agenda, target audience, promotion activities carried out in order to attract interested parties, list of participants, as well as input reports for consortium meetings followed by face-to-face meetings and networking sessions.

2. AERO-UA networking event, Kharkiv, 31 May 2018

2.1 Aims of the event

One of the goals of the AERO-UA project is to raise awareness about research funding opportunities open in the frame of Clean Sky 2 and H2020 aeronautics-related calls and identifying the barriers to increased EU-UA aviation research collaboration.

Taking into account the general goals of the project the main aims of the events were the following:

- to provide the opportunity for science & innovation society from Ukraine as well as representatives of the European organisations working in the same field, in order to help them to discuss opportunities for future collaboration;
- to present for the wide aeronautic community the Airbus' research and technology developments in Eastern Europe and potential collaboration interests in Ukraine;
- to present for the wide aeronautic community the DLR's research and technology developments in Eastern Europe and potential collaboration interests in Ukraine;
- to discuss results of detailed survey of Ukrainian aeronautics actors concerning the barriers and challenges they have faced in trying to develop research cooperation with European entities;
- to raise awareness about research funding opportunities open in the frame of Clean Sky 2 and Horizon 2020 aeronautics-related calls;
- to raise awareness about research and business founding opportunities open by the Enterprise Europe Network;
- to provide the opportunity for aviation society from Ukraine to present project ideas for potential joint research cooperation, carry out face-to-face meetings.

2.2 Target audience

The target audience of the event was Ukrainian research, business and state organizations, working in the field of aeronautics, interested in creation and extension international collaboration with European Union Countries, namely:

- research institutes of National Academies of Sciences and scientific centres,
- scientific-production organizations,
- small and medium-sized innovative enterprises,
- large state and private corporations,

- universities and technology higher education institutes,
- innovation development centres, departments of intellectual property rights,
- technology and science parks,
- business incubators and accelerators,
- start-up companies,
- non-governmental organizations and associations of scientists and entrepreneurs,
- public authorities, etc.

2.3 Promotion of event

In order to attract the target audience to the networking event, a number of promotional activities were carried out before the event:

- distributing information via e-mail to different Ukrainian organizations: institutes of national academies of sciences, universities, innovation technology companies, enterprises working in aeronautics fields,
- announcement on National Aerospace University “KhAI”,
- announcement on National Academy of Science of Ukraine website,
- announcement on the project website,
- promotion by project partners.

2.4 Participants

In total more than 50 representatives from the European Union and Ukraine took part in the event; among them were 30 members of the AERO-UA project consortium, Advisory board members and EU company representatives. Ukraine was presented by researchers from institutes of the National Academy of Sciences, universities, innovation commercial enterprises and state authorities.

No	Name	Organization
1	Allakhveranov Rauf	Kharkiv National University of Radioelectronics
2	Annopolskaja Iryna	Podgorny Institute for Mechanical Engineering Problems, NASU
3	Barthelemy Jean-Pierre	AERO-UA Advisory Board
4	Barvitskyi Pavlo	V.N.Bakul Institute for Superhard Materials, NASU
5	Berndt Dirk	Fraunhofer Institute for Factory Operation and Automation
6	Bezvesilnyi Sergii	PJSC "Volchansk aggregate plant"
7	Bielik Yuliia	Ivchenko-Progress SE
8	Bilan Iryna	Frantsevich Institute for Problems of Materials Sciences, NASU
9	Brandon Giles	Intelligentsia Consultants Sarl
10	Chandarana Neha	University of Manchester
11	Chernyshov Oleksii	PJSC "FED"
12	Chumachenko Serhii	INSTITUTE OF ENVIRONMENTAL GEOCHEMISTRY, NASU
13	Degenhardt Richard	The German Aerospace Center
14	Demydenko Dmytro	Motor Sich JSC
15	Dziendzikowski Michal	Air Force Institute of Technology
16	Fadeev Valeriy	PJSC "FED"
17	Fecenko Olena	Coordinator of the EEN-Ukraine Consortium, Institute of Physics, NASU

18	Fil Sergii	Antonov Company
19	Filipenko Oleksandr	Kharkiv National University of Radioelectronics
20	Gnesin Vitaly	Podgorny Institute for Mechanical Engineering Problems, NASU
21	Gorokhovatska, Marina	National Academy of Sciences of Ukraine
22	Harin Oleh	Ivchenko-Progress SE
23	Ilyenko Kostyantyn	O.Ya. Usikov Institute of Radioelectronics, NASU
24	Karpenko Artem	Ivchenko-Progress SE
25	Knyazev Volodymyr	Research and Design Institute Molniia, National technical university "Kharkov Polytechnic Institute"
26	Koptiev Oleksandr	Ivchenko-Progress SE
27	Kostykov Andrii	Podgorny Institute for Mechanical Engineering Problems, NASU
28	Kozyrev Artem	V.N.Bakul Institute for Superhard Materials, NASU
29	Kruz Vadim	G.S. Pisarenko Institute for Problems of Strength, NASU
30	Kryvytska Nadiia	Department of Region Competitiveness Enhancement, Kharkiv Regional State Administration
31	Kytaichuk Igor	R&D SDB "POLISVIT"
32	Lev Sergiy	National Academy of Sciences of Ukraine
33	Levitskaya T.	SME
34	Logvinov Yurii	O.A. Usikov Institute for Radiophysics and Electronics, NASU

35	Loshakova Svitlana	National Technical University "Kharkiv Polytechnic Institute"
36	Mahdalina Ihor	Kharkiv National University of Radioelectronics
37	Mazna Alexandra	Frantsevich Institute for Problems of Materials Science of NASU
38	Mizrakhyy Sergey	O.Ya. Usikov Institute for Radiophysics and Electronics
39	Moatamedi Mojtaba	University of Manchester
40	Mortelliti Stefania	AeroSpace and Defence Industries Association of Europe
41	Mungiev Oleksandr	Technopark Slobozhanshchyna
42	Naboka Eduard	Association of Industrialists and Entrepreneurs in Kharkov region
43	Naboka Olena	National Technical University "Kharkiv Polytechnic Institute"
44	Nevliudov Igor	Kharkiv National University of Radioelectronics
45	Popov Viktor	PJSC "FED"
46	Przysowa Radoslaw	Air Force Institute of Technology
47	Pugach Sergii	National Science Center Kharkiv Institute of Physics and Technology
48	Rozhnov Vitalii	PJSC "Volchansk aggregate plant"
49	Rybalchenko Igor	National Aerospace University "KhAI"
50	Savchenko Kyrylo	G.S. Pisarenko Institute for Problems of Strength, NASU
51	Shevlyakov Andrii	Motor Sich JSC

52	Shevtsova Maryna	National Aerospace University "KhAI"
53	Shulepov Victor	Ukrainian Research Institute of Aviation Technology
54	Skachko Igor	R&D SDB "POLISVIT"
55	Smetankina Nataly	Podgorny Institute for Mechanical Engineering Problems, NASU
56	Smovziuk Lina	National Aerospace University "KhAI"
57	Starostenko Olga	Institute of Macromolecular Chemistry of the NASU
58	Stelmah Oleksandr	National Aviation University
59	Sydorenko Mykola	R&D SDB "POLISVIT"
60	Telytsa Radmir	Kharkiv Aggregate Design Bureau
61	Towpik Michal	TECHNOLOGY PARTNERS
62	Turuta Oleksii	Kharkiv National University of Radioelectronics
63	Tyzhnov Oleksandr	Antonov Company
64	Vlasyk Vladyslav	Antonov Company
65	Yashenkov Vadym	E.O. Paton Electric Welding Institute, NASU
66	Yatsuba Andrii	PJSC "Dnepropetrovsk aggregate plant"
67	Yegorov Vadim	O.Ya. Usikov Institute of Radioelectronics, NASU
68	Yepifanov Sergiy	National Aerospace University "KhAI"

No	Name	Organization
69	Yeryomka Viktor	O.Ya. Usikov Institute of Radioelectronics, NASU
70	Zahorodnii Andrii	DB Aerocopter Ltd
71	Zakharchenko Viktor	PJSC "Dnepropetrovsk aggregate plant"
72	Zbrutsky Oleksandr	National Technical University of Ukraine "Igor Sikosky Kyiv Polytechnic Institute"
73	Zinkovskii Anatolii	G.S. Pisarenko Institute for Problems of Strength, NASU
74	Zmiievska Anna	National Aerospace University "KhAI"
75	Loginov Vasyl	PJSC "FED"

2.5 Event agenda



Horizon 2020 AERO-UA Project
STRATEGIC AND TARGETED
OR EUROPE-UKRAINE COLLABORATION IN AVIATION RESEARCH



Day 2 – Thursday, May 31, 2018

9:30-14:00 AERO-UA INFORMATION AND NETWORKING EVENT

Venue*: Media Centre <http://timeua.info>, 72, Sumska str., Platinum Plaza Business Centre, Kharkiv

9:00	Start of Registration
9:30-9:35	Welcome - <i>Giles Brandon (AERO-UA Coordinator, Intelligentsia Consultants)</i>
9:35-9:45	AERO-UA Project overview, interim results, opportunities and planned activities – <i>Lina Smovziuk (National Aerospace University “KhAI”)</i>
9:45-9:55	Ukrainian Aeronautics Research and Technology Report 2018 - <i>Giles Brandon (AERO-UA Coordinator, Intelligentsia Consultants)</i>
9:55-11:10	Opportunities to Support EU-Ukraine Cooperation (EU speakers) <ul style="list-style-type: none"> • <i>Stefania Mortelliti - Civil aviation policy officer, ASD Europe, Belgium</i> • <i>Richard Degenhardt - German Aerospace Center (DLR), Germany</i> • <i>Mojtaba Moatamedi – University of Manchester, UK</i> • <i>Dirk Berndt - Fraunhofer Institute for Factory Operation and Automation, Germany</i> • <i>Michał Towpik – TECHNOLOGY PARTNERS, Poland</i>
11:10-11:35	Opportunities to Support EU-Ukraine Cooperation (Ukrainian speakers) <ul style="list-style-type: none"> • <i>Nadiia Kryvytska - First Deputy Director, Department of Region Competitiveness Enhancement, Kharkiv Regional State Administration</i> • <i>Viktor Popov - President of Regional Aerospace Cluster, PJSC “FED”</i>
11:35-12:00	Coffee break & Networking
12:00-12:15	EU-Ukraine collaboration in aviation research - <i>Igor Rybalchenko (National Aerospace University “KhAI”)</i> <ul style="list-style-type: none"> • Opportunities – Horizon 2020, Clean Sky 2 • Success stories • Recent progress (ACARE, Programme Committee) • Prospects (next calls, Clean Sky representative)
12:15-12:30	European aeronautics networks – their benefits and how to join - <i>Maryna Gorohovatska (National Academy of Science of Ukraine)</i>
12:30-12:45	Opportunities of Enterprise Europe Network (EEN) - <i>Olena Fecenko (Coordinator of the EEN-Ukraine Consortium, Institute of Physics of NAS of Ukraine)</i>
12:45-12:50	Announcement of 3 rd Call for AERO-UA travel grants - <i>Giles Brandon (AERO-UA Coordinator, Intelligentsia Consultants)</i>
12:50-13:00	Conclusions
13:00-14:00	Networking lunch

* See map at the end of the Agenda

2.6 Overview of activities

The event lasted one day that was formally divided into three parts: the first part was the AERO-UA information event where opportunities for aviation research collaboration between Ukraine and Europe were promoted, the second part was a networking event organized in the form of a networking lunch where all participants had the opportunity to make contact with each other, and the third part was the AERO-UA consortium meeting where the current status of the project's Work Packages was discussed.

The AERO-UA information event started with the introductory word from the project coordinator Giles Brandon (Intelligentsia, Luxemburg) where he announced it was expected there would be a third call for AERO-UA travel grants aimed at covering travel costs for Ukrainian aerospace researchers to attend AERO-UA factory tour in Toulouse region. The above-mentioned factory tour was planned to be organized in late November 2018 and oriented towards applications from Ukrainian aviation industry experts. The goal was to reach out and support Ukrainian aviation experts from outside the consortium.



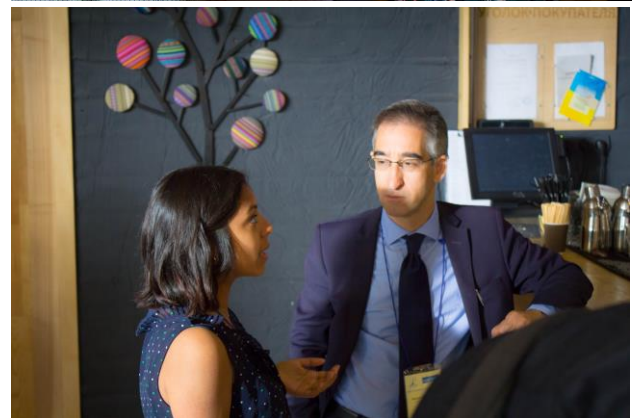
Afterwards, the AERO-UA project's interim results, opportunities and planned activities were presented by Dr. Lina Smovziuk from the National Aerospace University "KhAI". The project coordinator Giles Brandon presented the Ukrainian Aeronautics Research and Technology Report 2018. This report was produced by the AERO-UA consortium and describes the Ukrainian aeronautics research and technology sector, shows the barriers and support available to aeronautics research collaboration between EU and Ukraine, gives practical information and advice for anyone interested in EU-UA aeronautics cooperation. A free copy of the report can be downloaded from the AERO-UA project site: www.aero-ua.eu/publications.html.

Further, Stefania Mortelliti from ASD Europe, Belgium, Richard Degenhardt from German Aerospace Center (DLR), Germany, Mojtaba Moatamedi from the University of Manchester, UK, Dirk Berndt from Fraunhofer Institute for Factory Operation and Automation, Germany, and Michał Towpik from Technology Partners, Poland, made presentations showing participants the opportunities available for receiving EU-Ukraine cooperation support. From the Ukraine side the opportunities of EU-Ukraine cooperation were shown in the presentation of Viktor Popov, the chairman of the board of PJSC "FED", President of the Innovative Aerospace Cluster "Mechatronics".

During her conclusion, Marina Gorokhovatska from the National Academy of Sciences of Ukraine presented the brochure “European aeronautics networks – their benefits and how to join”, prepared by the AERO-UA consortium members. This was followed by Olena Fecenko (Coordinator of the EEN-Ukraine Consortium, Institute of Physics of NAS of Ukraine) presenting the opportunities provided by Enterprise Europe Network (EEN).

All presentation can be found on the AERO-UA project website on the page [Fruitful Factory Tour and Information & Networking Event in Kharkiv](#).

After the presentations the participants had opportunity to ask questions and give their opinion and discuss problems. The AERO-UA information event ended with a networking session organized in the form of a networking lunch where all the participants had an opportunity to make personal contacts, conduct face-to-face meetings aimed at identifying joint research interests and prospects for future partner relationships for joint aviation related projects within the Horizon 2020 programme, and to exchange contact information and outline future joint steps.



The AERO-UA consortium meeting started with an introductory word from the project coordinator Giles Brandon (Intelligentsia, Luxemburg). The project's Advisory Board at this meeting was represented by Jean-Pierre Barthélemy (retired), Dmytro Demidenko and Andrii Shevlyakov (Motor-Sich), and Richard Degenhardt (DLR). Then representatives of the partner organizations presented the results of the implementation of tasks from the Work Packages.

The first presentation was dedicated to the barriers to increased EU-UA aviation research collaboration. Giles Brandon (Intelligentsia) familiarized the attendees with the results of the detailed survey of Ukrainian aeronautics actors. The presenters informed that the Ukrainian Aeronautics Research and Technology Report 2018 has been submitted to the EC on 16 April 2018. Jean-Pierre Barthélemy (Advisory Board) asked to receive a final version of the Ukrainian Aeronautics Research and Technology Report 2018. In principle, he considered that the updates that had been made to the report in response to the feedback from the Advisory Board reflected quite normally the project management views.

The next presentation was introduced by Igor Rybalchenko (KhAI) and dedicated to the strategic support to EU-UA aviation research collaboration and to facilitate Ukrainian involvement in key EU networks. Discussions were held on the importance of Ukraine's presence in the H2020 programme committee. Victor Shulepov (UkrRIAT) has been appointed official observer to ACARE member states group (MSG). The next ACARE MSG meeting was due to take place in Brussels on 20th June 2018. Victor would also take the opportunity to meet Jean-Pierre Lentz (DG Grow) and ASD to continue discussions on EU-UA aviation industry cooperation. Concerning Ukraine's potential participation in the Clean Sky 2 (CS2) state representative group (SRG), a letter had been sent about one month ago by the Ukrainian aerospace cluster (FED) to Ukraine's Prime Minister to ask for nomination to the CS2-SRG. A response had not yet been received. Marina Gorokhovatska (NASU) thought the Ukrainian government had not yet informed the EC about the situation concerning the lack of appointment of Ukrainian members to the H2020 programme committees. Also, Marina mentioned that the Guidebook in Ukrainian on how to participate in European aviation networks would be promoted during the Ukrainian NCP meetings (see <https://www.aero-ua.eu/guidebook-in-ukrainian-on-how-to-participate-ineuropean-aviation-networks.html>). Radek Przysowa (ITWL) recommended the Ukrainian aviation experts consider registering to become evaluators and reviews for H2020/CS2 projects. For registration details, see:

<http://ec.europa.eu/research/participants/portal4/desktop/en/experts/index.html>.

Then, the partners presented an overview of the AERO-UA pilot projects in terms of their topics, objectives and the partners involved. During the discussions, Mojtaba Moatamedi (UoM) mentioned that he would be chairing the Multiphysics 2018 conference during 13-14 December 2018 in Krakow (see <http://www.multiphysics.org/details.php>). During the conference, there would be a session dedicated to results from the AERO-UA pilot projects. Also, it would be possible to publish a special edition of the related International Journal of Multiphysics with up to seven (7) papers from the AERO-UA session – assuming there was sufficient interest and number of papers. In the scope of 3.2a pilot project, ITWL and Ivchenko-Progress discussed details of the vibration measurements for the fan blades in the D-436-148FM turbofan, which was planned in the following months. Currently, the instrumentation system and sensor brackets

had been designed and their manufacture and assembly would commence in the coming weeks. Neha Chandarana (UoM) mentioned that the European Workshop on Structural Health Monitoring Series (EWSHM) would be organised by UoM during 10-13 July 2018 in Manchester. Also, she highlighted a “virtual platform” for PhD students to promote their research to one another. The platform would be holding a streamed conference during 14-15 June 2018.

The fourth presentation was introduced by Sergiy Lev (NASU) and dedicated to the awareness-raising and networking between EU-UA stakeholders. Giles Brandon (Intelligentsia) proposed that the next factory tour and technical visit in Europe should be held in conjunction with the ASD conference on 5 December 2018 in Brussels. The ASD conference attracts about 400 participants from its membership of European aerospace companies. Stefania Mortelliti (ASD) thought we could reserve a large meeting room at ASD’s conference venue where we could host a special EU-UA session. This could be very helpful from the point-of-view of supporting DG Grow’s efforts to develop EU-UA aviation industry cooperation. It would also be easier to attract the participation of EC policy and project officers to the event.

The next two presentations were dedicated to WP5 Dissemination and Promotion (Presenter: Anna Zmiievska, KhAI) and WP6 Project Management (Presenter: Giles Brandon (Intelligentsia)). After the presentation Richard Degenhardt (DLR) asked the AERO-UA consortium to propose Ukrainian representatives for IFAR (International Forum for Aviation Research, <https://ifarlink.aero>) – international, non-political, high-level body comprised of public aviation research organisations - and ICARe (International Cooperation in Research, <https://icare-h2020.eu>) – a H2020 project producing country fiches for 21 international countries as well as identifying their aviation research priorities.

2.7 Coverage of the event in local media

A representative of the local newspaper Vremya took part in the information and networking event and interviewed the project coordinator Giles Brandon (Intelligentsia) and Igor Rybalchenko (KhAI). The article was published in Vremya newspaper issue dated 4 June 2018 and was also published on the [newspaper’s website](#).

3. AERO-UA networking event, Zaporizhia, 25 April 2019

3.1 Aims of the event

One of the goals of the AERO-UA project is to raise awareness about research funding opportunities open in the frame of Clean Sky 2 and H2020 aeronautics-related calls and identifying the barriers to increased EU-UA aviation research collaboration.

Taking into account the general goals of the project the main aims of the event were the following:

- to provide the opportunity for science & innovation society from Ukraine as well as representatives of the European organisations working in the same field, in order to help them to discuss opportunities for future collaboration;
- to present for the wide aeronautic community the Airbus' research and technology developments in Eastern Europe and potential collaboration interests in Ukraine;
- to present for the wide aeronautic community the DLR's research and technology developments in Eastern Europe and potential collaboration interests in Ukraine;
- to discuss results of detailed survey of Ukrainian aeronautics actors concerning the barriers and challenges they have faced in trying to develop research cooperation with European entities;
- to raise awareness about research funding opportunities open in the frame of Clean Sky 2 and Horizon 2020 aeronautics-related calls;
- to raise awareness about research and business founding opportunities open by the Enterprise Europe Network;
- to provide the opportunity for aviation society from Ukraine to present project ideas for potential joint research cooperation, carry out face-to-face meetings.

3.2 Target audience

Target audience of the event is Ukraine research, business and state organizations, working in the field of aeronautics, interested in creation and extension international collaboration with European Union Countries, namely:

- research institutes of National Academies of Sciences and scientific centres,
- scientific-production organizations,
- small and medium-sized innovative enterprises,
- large state and private corporations,

- universities and technology higher education institutes,
- innovation development centres, departments of intellectual property rights,
- technology and science parks,
- business incubators and accelerators,
- start-up companies,
- non-governmental organizations and associations of scientists and entrepreneurs,
- public authorities, etc.

3.3 Promotion of event

In order to attract target audience to the networking event, a number of promotional activities were carried out before the event:

- distributing information via e-mail to different Ukrainian organizations: institutes of national academies of sciences, universities, innovation technology companies, enterprises working in aeronautics fields,
- announcement on State Enterprise “Ivchenko-Progress” website,
- announcement on National Aerospace University “KhAI” website,
- announcement on National Academy of Science of Ukraine website,
- announcement on the project website,
- promotion by project partners.

3.4 Participants

In total more than 60 representatives from the European Union and Ukraine took part in the event; among them were 30 members of the AERO-UA project consortium, Advisory board members and EU company representatives. Ukraine was presented by researchers from institutes of the National Academy of Sciences, universities, innovation commercial enterprises and state authorities.

No	Expert's Name	Organisation
1	Бабич Олександр Борисович	Запорізький національний університет
2	Железнякова Юлія Врлодимирівна	Запорізький національний університет
3	Sergey N. Sokolov	JSC "FED"
4	Valeriy A. Fadeyev	JSC "FED"
5	Іщук Ольга Вікторівна	Запорізький національний університет
6	Черныш Сергей Викторович	Национальный аэрокосмический университет им. Н.Е.Жуковского "Харьковский авиационный институт"
7	Меняйлов Евгений Сергеевич	Национальный аэрокосмический университет им. Н.Е.Жуковского "Харьковский авиационный институт"
8	Mazna Oleksandra	Frantsevich Institute for Problems of Materials Sciences of NASU
9	Bilan Iryna	Frantsevich Institute for Problems of Materials Sciences of NASU
10	Чумак Олександр Олексійович	ІА НАУ
11	Волошенко Дмитро Олександрович	Міжнародний науково-навчальний центр інформаційних технологій та систем
12	Комар Микола Миколайович	Міжнародний науково-навчальний центр інформаційних технологій та систем
13	Волков Олександр Євгенович	Міжнародний науково-навчальний центр інформаційних технологій та систем
14	Письменная Мария Сергеевна	ІА НАУ
15	Medynskyi Denys	NATIONAL AVIATION UNIVERSITY
16	Krzysztof SZAFRAN	Instytut Lotnictwa
17	Viktor Shulepov	UkrRIAT
18	Казурова Алина Евгеньевна	Запорожский национальный технический университет
19	Котенко Тетяна Миколаївна	Центральноукраїнський національний технічний університет НКП Горизонт 2020 "МСГ"
20	Kay Matzner	Центральноукраїнський національний технічний університет НКП Горизонт 2020 "МСГ"
21	Ткач Дар'я Володимирівна	Запорізький національний технічний університет
22	Павленко Дмитрий Викторович	NATIONAL AVIATION UNIVERSITY
23	Пирожок Андрій Володимирович	кафедра ЕПА ЗНТУ

24	Писарський Андрій Олексійович	ЗНТУ
25	Стельмах Александр Устимович	Национальный авиационный университет
26	Lina Smovziuk	National Aerospace University "KhAI"
27	Giles Brandon	Intelligentsia Consultants
28	Рыбальченко И.А.	ХАИ
29	Sergiy Lev	NASU
30	Radoslaw Przysowa	ITWL
31	Mehmet Esad Aksal	Baykar Makina
32	Борисенко Максим Вячеславович	Харьковский национальный университет Воздушных Сил
33	Агафонов Юрий Николаевич	Харьковский национальный университет Воздушных Сил
34	Шевляков Андрей Владимирович	АО "МОТОР СИЧ"
35	Демиденко Дмитрий Александрович	АО "МОТОР СИЧ"
36	Kostyantyn Grinkevych	Институт проблем материаловедения НАН украины
37	Вишнепольский Евгений Валериевич	Запорожский национальный технический университет
38	Черняк Сергей Иванович	Казенное предприятие специального приборостроения "Арсенал"
39	Савченко Кирило Валентинович	Інститут проблем міцності імені Г.С.Писаренка Національної академії наук України
40	Зіньковський Анатолій Павлович	Інститут проблем міцності імені Г.С.Писаренка Національної академії наук України
41	Красносельский Виталий Игнатьевич	ООО "ЗРВА"
42	Черненко Григорий Николаевич	ООО "СП ДАКПОЛ"
43	Кричковський Микола Ігорович	ООО "СП ДАКПОЛ"
44	Зяхор Ігор Васильович	Інститут електрозварювання ім. /юО. Патона НАН України
45	Круц Вадим Олексійович	Інститут проблем міцності імені Г.С.Писаренка Національної академії наук України
46	Грибков Эдуард Петрович	Донбасская государственная машиностроительная академия
47	Тарасов Александр Федорович	Донбасская государственная машиностроительная академия
48	Нерубаский Вадим Владимирович	АО "Элемент"
49	Янко Тарас Богданович	Інститут титану
50	Коновальчук Татьяна Андреевна	ООО "НПП "ХАРТРОН-ЮКОМ"
51	Хижняк Иван Анатольевич	Іттон Сервіс
52	Філоненко Олексій Юрійович	Простір 3D
53	Красносельский Кирилл Витальевич	ООО "Триада Лтд Ко"

54	Erhan SOLAKOĞLU	TAI
55	Fedir Gagauz	KhAI
56	Maryna Shevtsova	KhAI
57	Барвицкий Павел	НАНУ
58	Козырев Артем	НАНУ
59	Читак Виталий Георгиевич	ГП "Антонов"
60	Стрельченко Михаил	ABV-STROY LLC
61	Neha Chandarana	UoM
62	Michal Dziendzikowski	TECPAR
63	Loginov Vasyl	FED JSC

3.5 Event agenda



Horizon 2020 AERO-UA Project
STRATEGIC AND TARGETED SUPPORT
FOR EUROPE-UKRAINE COLLABORATION IN AVIATION RESEARCH



Day 2 – Thursday, April 25, 2019

9:30-14:00 AERO-UA INFORMATION AND NETWORKING EVENT

Date: April 25, 2019

Venue: Conference Hall at Intourist Hotel, 135 Soborny av., 69000 Zaporizhia, Ukraine
www.intourist.com.ua

*We also recommend this hotel for accommodation as it will be convenient in terms of logistics

9:00	Start of Registration
9:30-9:35	Welcome - <i>Giles Brandon (AERO-UA Coordinator, Intelligentsia Consultants)</i>
9:35-9:55	AERO-UA Project overview, interim results, opportunities and planned activities – Speaker - <i>Giles Brandon (AERO-UA Coordinator, Intelligentsia Consultants)</i>
9:55-10:05	Welcome – <i>Igor Kravchenko (Director of Enterprise, SE "Ivhcenko-Progress")</i>
10:05-10:35	Opportunities to Support EU-Ukraine Cooperation (EU speakers) <ul style="list-style-type: none"> • <i>Neha Chandarana (University of Manchester)</i> • <i>Szafran Krzysztof (ILOT)</i> • <i>Radosław Przysowa (ITWL)</i>
10:35-11:05	EU-Ukraine collaboration in aviation research - <i>National Aerospace University "KhAI"</i>
11:05-11:30	Coffee break & Networking
11:30-12:45	Opportunities to Support EU-Ukraine Cooperation (Ukrainian speakers**) <ul style="list-style-type: none"> • <i>Andrii Shevliakov (MOTOR SICH JSC)</i> • <i>Eugene Ivashkevich (Novitech, LLC)</i> • <i>Dmytro Pavlenko (Zaporizhzhia National Technical University)</i> • <i>Vasiliy Loginov (JSC "FED")</i> • <i>Anatolii Trubin (Yuzhnoye State Design Office)</i> • <i>Igor Ziakhor (Paton Electric Welding Institute of NAS of Ukraine)</i> • <i>Oleksii Filonenko (Prostir3D)</i> • <i>Oleksandr Babych (Zaporizhzhia National University)</i> • <i>Oleksandr Tarasov (Donbass State Engineering Academy)</i> • <i>Aleksandr Chumak (Flight Academy of National Aviation University)</i> • <i>Yurii Krashanytsya (National Aerospace University "KhAI")</i> • <i>Yevhenii Meniailov (National Aerospace University "KhAI")</i> • <i>Oleksandr Stelmakh (National Aviation University)</i>

12:45-13:00 Conclusions, Q&A

13:00-14:00 **Networking lunch**

****Please note that the time of presentation is limited to approx. 5 minutes (language of the presentation is English)**

For additional information you can contact Yuliia (+380957907160) or Oleksandr (+380503416528)

3.6 Overview of activities

The event lasted one day that was formally divided into two parts: the first part was the AERO-UA information and networking event where opportunities for aviation research collaboration between Ukraine and Europe were promoted and the second part was the AERO-UA consortium meeting where the current status of the project's Work Packages was discussed.

The AERO-UA information event started with the project coordinator Giles Brandon (Intelligentsia, Luxemburg) being interviewed by two local TV channels which were broadcast the following day on primetime news. During the introductory word the project coordinator officially launched the final call for AERO-UA travel grants aimed at covering travel costs for Ukrainian aerospace researchers to make an oral presentation in a thematic session at the 9th EASN International Conference, 3-6 September 2019 in Athens. The goal was to reach out and support Ukrainian aviation experts from outside the consortium. Afterwards, the AERO-UA project's interim results, opportunities and planned activities were presented.



Next, during his welcome address, Igor Kravchenko, Director of Zaporozhye Machine-Building Design Bureau Progress State Enterprise named after Academician A.G. Ivchenko, pointed to the long-term and successful history of collaboration between SE “Ivchenko-Progress” and international partners including ones from EU countries. Later, representatives of National Aerospace University “KhAI” demonstrated the opportunities for the EU-Ukraine

collaboration in aviation research through examples of Horizon 2020 (Lina Smovziuk) and Clean Sky 2 (Igor Rybalchenko) calls.

Further, Neha Chandarana from the University of Manchester, UK, Szafran Krzysztof from the Instytut Lotnictwa, Poland, and Radoslaw Przysowa from the ITWL, Poland, made presentations oriented towards showing participants the opportunities for support to EU-Ukraine cooperation. From the Ukrainian side, the opportunities for EU-Ukraine cooperation were shown in a presentation by Andrii Shevliakov from JSC Motor Sich, Vasiliy Loginov from the JSC "FED", Igor Ziakhor from the Paton Electric Welding Institute of NAS of Ukraine, Oleksandr Babych from Zaporizhia National University, Oleksandr Tarasov from the Donbass State Engineering Academy, and Oleksandr Stelmakh from the National Aviation University.

All presentations can be found on the AERO-UA project website on the page [Visiting the home of Ukrainian aero-engine design and production](#).

After the presentations, the participants had the opportunity to ask questions, give their opinion, and discuss problems. The AERO-UA information event ended with a networking session organized in the form of a networking lunch where all the participants had the opportunity to make personal contacts, conduct face-to-face meetings aimed at identifying joint research interests and prospects for future partner relationships for joint aviation related projects within the Horizon 2020 programme, and to exchange contact information and outline future joint steps.

The AERO-UA consortium meeting started with an introductory word from the project coordinator Giles Brandon (Intelligentsia, Luxembourg). The project's Advisory Board at this meeting was represented by Jean-Pierre Barthélemy (retired) and Dmytro Demidenko and Andrii Shevlyakov (Motor-Sich). Then representatives of the partner organizations presented the results of the implementation of tasks from the Work Packages.

The first presentation was dedicated to the barriers to increased EU-UA aviation research collaboration. The presenters informed that Ukrainian Aeronautics Research and Technology Report 2018 had been submitted to the EC on 16 April 2018. However, following the EC midterm review and Advisory Board's comments, the survey results had been reviewed again and the report's recommendations required updating. Jean-Pierre Barthélemy, Lina Smovziuk and Giles Brandon would discuss the issue together and update the report's recommendations.

The next presentation was introduced by Igor Rybalchenko (KhAI) and dedicated to the strategic support to EU-UA aviation research collaboration and to facilitate Ukrainian involvement in key EU networks. Thanks to AERO-UA, Ukraine has an MSG observer to ACARE and a representative in CS2 SRG. However, Ukraine's government provides no funding for travel etc. to Ukraine's representative/observer/experts to ACARE, CS2 and H2020. Also, Ukraine's government has still not appointed a representative to the H2020 Transport committee. Also, the AERO-UA needs to register at least 15 aviation related *technology offers* or *technology requests* on the [Enterprise Europe Network](#) (EEN) portal. During the discussion, Sergey Lev (NASU) informed that he had contacted the main administrations of NASU and NAU to ask if they would like to join IFAR ([International Forum for Aviation Research](#)), but they declined. However, he has recently contacted three other NASU institutes who have expressed interest to join.

Then, the partners presented an overview of the AERO-UA pilot projects in terms of their topics, objectives and the partners involved. During the discussions about pilot project realization, KhAI/NASU informed that they had already submitted an abstract for an oral presentation – based on results from 3.1a - to the [9th EASN conference](#), but they would look to expand the abstract's scope and include European partners. As part of the realisation of Task 3.2, Ivchenko has ordered a radial clearance measuring system from CapaciSense (UK company). Also, Ivchenko has obtained licenses to use computational fluid dynamics software from NUMECA (Belgian company) and sent engineers to Brussels for training during 2016-2018.

The fourth presentation was introduced by Sergiy Lev (NASU) and dedicated to the awareness-raising and networking between EU-UA stakeholders. During the presentation Sergiy Lev pointed that - after the current meeting - all tasks of Work Package 4 will have been successfully completed and so Giles Brandon proposed to start to prepare deliverable D4.4.

The final two presentations were dedicated to WP5 Dissemination and Promotion (Presenter: Lina Smovziuk, KhAI) and WP6 Project Management (Presenter: Giles Brandon (Intelligentsia)). The EU-UA partners were strongly encouraged to submit joint research papers to journals and conferences (e.g. 9th EASN).

3.7 Coverage of the event in local media

The information and networking event was well covered by the local press including broadcasts by the Ukrainian news channels [Alex TV](#) and [TV-5](#).



Copyright: Alex TV



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4. Smaller information events in Ukraine during M19-M36

4.1 Kharkiv Information Day “Horizon 2020: rules and opportunities for participation”

On November 15, 2018, [the Information Day "Horizon 2020: rules and opportunities for participation"](#) was held in the premises of the Kharkiv National University named after V. N. Karazin with the support of the Department of Science and Education and the Department of Region Competitiveness Development of the region of the Kharkiv Regional State Administration. The event was devoted to discussions about Horizon 2020 opportunities open to Ukrainian scientists, research institutions and organizations. The info-day was attended by 183 persons including rectors of universities and heads of research institutions of Kharkiv region, faculty members, researchers, postgraduate students. Mr. Igor Rybalchenko (KhAI) was invited by the event organizers to present the AERO-UA and RADIAN projects as target initiatives focused on supporting EU-UA research collaboration in aeronautics. Mr. Rybalchenko also briefly talked about the AMBEC and DENOX projects as Ukrainian success stories in the biggest European aeronautic research initiative Clean Sky 2. These stories provided a background for joint discussion of Ukrainian organizations' prospects in the H2020 programme and first-priority activities to be implemented to intensify Ukraine's involvement in European collaborative research.

