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SKILLING, UPSKILLING, RESKILLING IN THE FUTURE AIR TRANSPORT

D7.2 Scale-up events and Final Conference

31th March 2023

INOVA+

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SKILLING, UPSKILLING, RESKILLING
IN THE FUTURE AIR TRANSPORT

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1 Introduction

Within the WP 7 dissemination and communication activities, a set of 5 launch events were planned to officially launch the project and present the preliminary results achieved, to a national audience of experts, practitioners and relevant stakeholders in the aviation domain. Keynote speakers provided the impetus for a discussion on topics related to the project to keep everyone safe during the COVID 19 pandemic.

The 5 events were all successfully organised during early October 2020 they counted with overall 218 participants and covered different specific topics related to skill UP project.

The next paragraphs present a brief overview of each event, together with an outlook on the participant short evaluation regarding the event.

The dissemination and communication strategy also previewed the organisation of a final conference to present the results of the skill-up project to stakeholders from the aviation sector. The Skill-UP project's Final Conference was held on March 16th, 2023 in Lisbon, Portugal. This event was co-organized by QSR and INOVA+ and took place at ISEC Lisboa. This was a public dissemination event when major project outcomes were shared and feedback from aviation stakeholders was gathered. The event was attended by about 60 participants (both online and in person).

2 Launch events

The 5 events were all successfully organised during **early October, they counted with overall 218 participants** and covered different specific topics related to skill-UP project as described below.

Launch Event Italy

- **Date:** October 6th, 2020
- **Participants:** 55
- **Key Topic:** how the role of future workforce professionals will evolve in the next years.
- **Description:** The first panel session was focused on exploring the emerging and future technological changes such as digitalisation, remotisation of the operations, artificial intelligence that are currently shaping the air transport sector and will have a significant impact on the aviation workforce. This session counted interventions from Pier Carlo Cacciabue, Professor at Kingston University and Politecnico di Milano and Italo Oddone, former pilot, Air Dolomiti (Lufthansa) and Giancarlo Ferrara, ATM/U-space Expert at Eurocontrol. During the second panel session we discussed how the role of future workforce professionals will evolve in the next years.
- This session counted interventions from Fabio Olivetti, head of the ENAV training Academy, Monica Maccaferri, head of the Care Team Group at Bologna Airport and Giusy Sciacca ATM System Evolution and Strategic Service Planning at Enav.
- **National Organizers:** Deep Blue, Uninettuno Telematic University and Lazio Connect

Launch Event France

- **Date:** October 6th, 2020
- **Participants:** 12
- **Key Topic:** cooperation of pilot and controller & current and future teaching.

- **Description:** The skill-UP launch event aimed to present the project to the French national audience of experts, practitioners and relevant stakeholders in the aviation domain. The event was a great opportunity to share the preliminary results achieved so far. Four future scenarios and the key results from the survey “The transition from study to work in the aviation sector” were presented. The event counted the participation of Julie Saint-Lot ATM, training expert at ENAC. The focus of the intervention was on the cooperation between pilot and controller and current and future challenges for training and education in the ATM sector.
- **National Organizer:** ENAC (Ecole Nationale de l’Aviation Civile)

Launch Event Turkey

- **Date:** October 6th, 2020
- **Participants:** 37
- **Key Topics:** Technological innovations in aviation, such as technological infrastructures in airports (5G technology), cybersecurity in airports, automation and robotic applications, artificial intelligence, using autonomous vehicles in airport operations, biometric applications.
- **Description:** The skill-UP launch event aimed to present the project to the Turkish national audience of experts, practitioners and relevant stakeholders in the aviation domain. Kürşad Koçak, Chief Operating Officer (COO) at the TAV Airports Holding Group, was invited as keynote speaker. He has a very rich experience about the aviation business, especially ground handling and airport operation. The main topic of discussion was around the technological innovations in aviation, such as technological infrastructures in airports (5G technology), cybersecurity in airports, automation and robotic applications, artificial intelligence, using autonomous vehicles in airport operations, biometric applications. Furthermore, the future directions in aeronautics were discussed: future business models at airport business, Big Data analysis at airports, sustainability, adaptation of these sectors’ employees to change and transformation.
- **National Organizers:** Eskisehir Technical University, Antalya Airport, Kastamonu University

Launch Event Malta

- **Date:** October 9th 2020
- **Participants:** 25
- **Key Topic:** training needs of future pilots within the context of the aviation sector in Malta.
- **Description:** The skill-UP launch event aimed to present the project to the Maltese national audience of experts, practitioners and relevant stakeholders in the aviation domain. The event was a great opportunity to share the preliminary results achieved so far. Captain Robert Risso MSc., TM-CAD, was invited as external keynote speaker. His presentation was focused on the training needs of future pilots within the context of the aviation sector in Malta.
- **National Organizer:** University of Malta Institute of Aerospace Technologies

Launch Event Portugal

- **Date:** October 23rd, 2020
- **Participants:** 69 visualisations + 20 people on the room
- **Key topic:** general project presentation and discussion on the added value of the project, as well as current achievements.
- **Description:** In Portugal, the launch event was organised within the framework of **Portugal Air Summit 2020**. On one hand, this allowed a greater outreach of the

project launch in Portugal, but on the other hand, this meant that understanding the number of people which actually attended the event was harder. The event was hybrid, and for dissemination purposes we are using the number of youtube streaming visualizations + the number of people present in the room as indicator.

- **National Organizers:** QSR, APANT (Associação Portuguesa de Aeronaves Não Tripuladas)
- **Link for live streaming:** https://www.youtube.com/watch?v=ik-UNbl4kKQ&list=PLSXQIFGZuorsI0TUYtaRo7O0ms96s_Pbd&index=9

All presentations, proofs and other materials used during the 5 events are available both on the [website](#) and on the Gdrive and can be check at Annex 1.

3 Final Conference

Skill-UP project's Final Conference was held on March 16th, 2023 in Lisbon, Portugal. This event was co-organized by QSR and INOVA+ and took place at ISEC Lisboa. This was a public dissemination event when major project outcomes were shared and feedback from aviation stakeholders was gathered. The event was attended by about 60 participants (both online and in person).

Additional information about the event can be found in [this news](#) published on the project website.

3.1 Agenda

The event began with a welcome session by the keynote speakers Eurico de Brito (ISEC) and José Rosa Dias (AED) and was followed by a presentation of the Skill-UP Project and main outcomes by the coordinators, Deep Blue. Luis Santos (ISEC), the keynote speaker, discussed Future Skills in the Aerospace Academy Approach.

There were also two roundtable discussions throughout the event. The first session focused on the Future Skills Needed in the Air Sector, with speakers from the University of Malta, Eurocontrol, ENAC, and QSR. The second roundtable, "Upskilling & Reskilling in Aerospace," had Ana Rita Pires (ABSANT), António Guerra (AERNNOVA), and Sérgio Oliveira (OMNIDEA) as speakers.

SKILL-UP FINAL EVENT

MARCH 16th 2023

9:30 – 15:30 WET TIME

Venue: ISEC – Lisboa (Alameda das Linhas de Torres 179)

Link for remote connection: [Zoom meeting](#)

9:30 - 10:00	REGISTRATION OF PARTICIPANTS
10:00 - 10:10	WELCOME AND AGENDA
10:10 - 10:30	EXTERNAL KEYNOTES - José Rosa Dias (AED) - Eurico de Brito (ISEC)
10:30 - 11:30	SKILL-UP PROJECT OVERVIEW AND PRESENTATION OF THE MAIN OUTCOMES Skill-UP project overview: Linda Napoletano (Deep Blue) Skill-UP Air sector skills transformation map: Alessia Golfetti (Deep Blue) Skill-UP Portfolio of training courses: Nicola Cavagnetto (Deep Blue)
11:30 - 11:50	COFFEE BREAK
11:50 - 12:00	FUTURE SKILLS IN THE AEROSPACE ACADEMY APPROACH - Luís Santos (ISEC)
12:00 - 12:45	ROUND TABLE ON FUTURE SKILLS NEEDED IN THE AIR TRANSPORT Skill-Up Project partners: Jason Gauci (University of Malta), Fabrice Drogoul (Eurocontrol), Nadine Matton (EHIAC), Carlos Maio (QSR)
12:45 - 14:15	LUNCH
14:15 - 15:30	CONFERENCE – UPSKILLING & RESKILLING IN AEROSPACE Round table with 4 speakers + Carlos Maio (QSR) as moderator - Ana Rita Pires (ABSANT) - ISEC Representative (TBD) - António Guerra (AER@NOVA) - Sérgio Oliveira (OMI/IDEA)

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Figure 1 - Skill-UP final event agenda

3.2 Attendance

The focus group was attended by 60 participants, including engineers, pilots, ATCOs, airport operators, RPAS pilots, training providers, company representatives, academics and research students.

3.3 Photos



Figure 2 - photos of the final conference

Annexes

4.1 Launch events report

(a separate document available [here](#))

4.2 Final Conference evidence

(a separate document available [here](#))



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