

Aviation Safety Professional Diploma (ASPRO)



ASPro meeting in Athens 30.DEC.2023



The second Transnational Project Meeting for the EU Project "AsPro" took place in Greece on December 14th and 15th, 2023, hosted by CRETHIDEV. The participants reviewed the project's progress to date, focusing particularly on work packages 2 and 3. Additionally, they outlined the next steps to be taken.



WP1:

Objectives

- To coordinate and support partner efforts, ensuring that project aims and results are achieved in due time and with the planned resources
- To effectively and efficiently comply with the contractual and operational obligations with the EC.

Management Plan: The Management Plan will document the agreement between partners regarding procedures, communication protocols, and partner responsibilities, as outlined in the GA. It will detail key management principles, a comprehensive Gantt Chart, resource allocation (including budget), communication guidelines, risk management and contingency plans, management structure, and tools and mechanisms for effective management.

Transnational Project Meetings: TPM meetings will occur every three months. There will be four face-to-face TPMs and nine online TPMs. UAEGEAN will oversee the KOM and each TPM, with assistance from a designated partner (as noted below). The TPM schedule is as follows:

- KOM (f2f) – Chios, Greece – M1 (UAEGEN)
- 2nd TPM – Online – M4 (JUST)
- 3rd TPM – Online – M6 (ESTU)
- 4th TPM – Online – M9 (MEAA)
- 5th TPM (f2f) – Al Salt, Jordan – M12 (BAU)
- 6th TPM – Online – M15 (KSU)
- 7th TPM – Online – M18 (CRETHIDEV)
- 8th TPM – Online – M21 (AAU)
- 9th TPM (f2f) – Eskisehir, Turkey – M24 (ESTU)
- 10th TPM – Online – M27 (MEAA)
- 11th TPM – Online – M30 (JUST)
- 12th TPM – Online – M33 (CRETHIDEV)
- Final Project Meeting – Amman, Jordan – M36 (AAU)

Interim Report: The interim report will be delivered as per the GA provisions.

Final Report: The final report will be delivered as per the GA provisions.

WP2:

EU Best Practices: Conduct desk research on EU best practices in IVET programs related to Safety Management Systems (SMS) for Civil Aviation.

Focus Groups with Industry: Throughout the project, there will be proactive involvement of the industry in designing the VET curriculum. Industrial partners will participate in focus groups to contribute to the curriculum design process. During these sessions, EU best practices and Jordanian experiences will be discussed. Each focus group will have a minimum of 10 participants.

Curriculum Macrostructure: The proposed Technical Diploma in Aviation Safety Management Systems will be a 2-year program, totaling 72 Credit Hours (C.H.). It will include:

- Generic Skills: 12 C.H. (4 courses)
- Employability Skills: 6 C.H. (2 courses)
- Supportive Sciences: 6-9 C.H. (2-3 courses)
- Specialization Skills: 45-48 C.H. (15-16 courses)
- 140 contact hours of field training in a related establishment. Criteria for candidate selection and successful attendance will adhere to Jordanian regulations for IVET accreditation. Industry recommendations will guide the selection of mandatory and elective courses.

Equipment: Equipment will be procured for trainee needs as early as possible in the project. Specifications will be decided during the KoM, sent to the PO for approval, and tendering procedures will begin by M4. Equipment will include training software (licenses shared by all partners) and digitalization tools for creating prototypes during courses (3D printers and 3D scanners).

Curriculum Microstructure: This phase involves developing lesson folders for all curriculum courses, including necessary accreditation information such as course content, assumed prior knowledge, educational resources, learning outcomes, student evaluation processes, student effort, and C.H. While Jordanian partners are responsible for course descriptions, the effort will be shared among all partners.

Courses Development: Six specialization courses will be fully developed, considering industrial stakeholders' opinions and the need for piloting and fine-tuning subjects where Jordanian partners seek additional support. Jordanian partners will lead course development, with contributions from all partners. During M15, three European experts (UAEGEAN, ESTU, and KSU) will conduct a field visit to enhance collaboration and output quality.

Piloting of Courses: The six developed courses will be piloted during the Summer, Autumn, and Spring semesters by JUST, BAU, and AAU, in both English and Arabic. MEAA will provide laboratory training for all students. Each course will have at least 20 pilot students, with proactive support for women's involvement. No more than 2/3 of participants shall be of the same gender (nonbinary); if this goal is unachievable, permission will be sought from the P.O to adjust this ratio. Piloting will be free for trainees, who will receive a certificate of attendance upon successful evaluation. Course content will be under a CC-BY-NC-AS 4.0 license.

Objectives

- To develop and pilot advanced post graduate specialized training modules (MOOCs) based on EU experience and Jordanian aviation industry needs
- Promote industry active participation in design of CVET modules
- To create upskilling paths in CVET and promote accreditation of microcredits
- To promote woman employability in aviation safety sector
- To establish knowledge transfer and collaboration between European and Jordanian educational institutes