

KAAT – Knowledge Alliance in Air Transport

Summary

The air transport 'smartization' represents the must-have for the next 15 years. It asks for the creation of smart jobs covered by a highly qualified work force with multidisciplinary knowledge and skills.

Such work force needs a chain of regulated trainings alternating with the work periods which comes to permanently upgrade or complete the initial education. In many cases, the lack of procedures for recognition of prior learning and/or gained experience makes difficult the transition from vocational licensed occupations to academic ones. Often, graduates need new trainings with an important retake of learning outcomes. The consortium identified the need of a bridge between the two pathways by issuing a methodology for Aviation Sectorial Qualification Framework as basis for recognition prior learning or work experience. This allows the creation of coherent and flexible pathways and compliance between European Commission tools and ICAO, EASA regulations.

Better skilled work force for aviation business and operations of tomorrow supposes not only the bridges, but also a modernization of initial higher education. Being aware of this priority, we build-up European study programmes by application of innovative approaches for teaching and learning based on ICT tools, using the co-creation knowledge of 17 partners from education and business of 7 countries: Croatia, France, Italy, Latvia, Portugal, Romania, and Slovakia. The European Network for Aviation Training and Education, created by an innovative partnership: universities, training providers, airports, airlines, maintenance and handling companies, air traffic providers, regulatory bodies and international organizations ensures the international dimension of aviation education and the

sustainability of the project results by a European dialog on aviation education.

The impacts consists in: fostering a new attitude towards university-business cooperation in aviation, university updated study programmes, anticipating the future demand of aviation labor market in terms of skills and competences. This impacts the students, ensuring them simultaneously competences in ICT and aviation. The final impact consists in a benefit of employers which will have a better skilled intangible capital essential for facing a globalized fierce competition.



Project Reference

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Leading Institution

UPB – Polytechnical University of Bucharest (Romania)

Partners

University of Zagreb (Croatia), IST – Instituto Superior Técnico (Portugal), TSI –Transport and Telecommunication Institute (Latvia), University of Strasbourg (France), INOVA+ (Portugal), Quasar Human Capital (Portugal), Deep Blue (Italy), University of Zilina (Slovakia), Aeronautical Technical Center (Croatia), Menzies Aviation (Romania), Aigle Azur (France), Cluj Airport (Romania), CRO Control (Croatia), Croatia Airlines (Croatia), Ecole des Mines d'Albi (France), CIAS (Romania), CNCP – Commission Nationale de la Certification Professionnelle (France), ICAO –European and North Atlantic Office of the International Civil Aviation Organization (Europe), Airports Council International Europe (Europe), ATCR – Transfer Knowledge Association of Romania (Romania), SITA (Austria), Timisoara Airport (Romania), Varna Airport (Bulgaria), RAA – Romanian Airport Association (Romania), Iasi International Airport (Romania), TUM – Technical University of Moldova (Moldova), RAAC – Romanian Aviation Academy (Romania)

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CERIS

94 933.00€

Project Website

www.kaat.upb.ro