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**ACI - Europe**

**Leadership and Human Resources Forum**



# Knowledge Alliance in Air Transport

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Workshop “*Smart qualification for smart air transport occupations*” –  
Lisbon, 10-11<sup>th</sup> of July 2018



Air transport 'smartization' is the must-have for the next 15 years, calling for the creation of smart jobs requiring a highly qualified workforce with multidisciplinary knowledge and skills.

**Relevance**



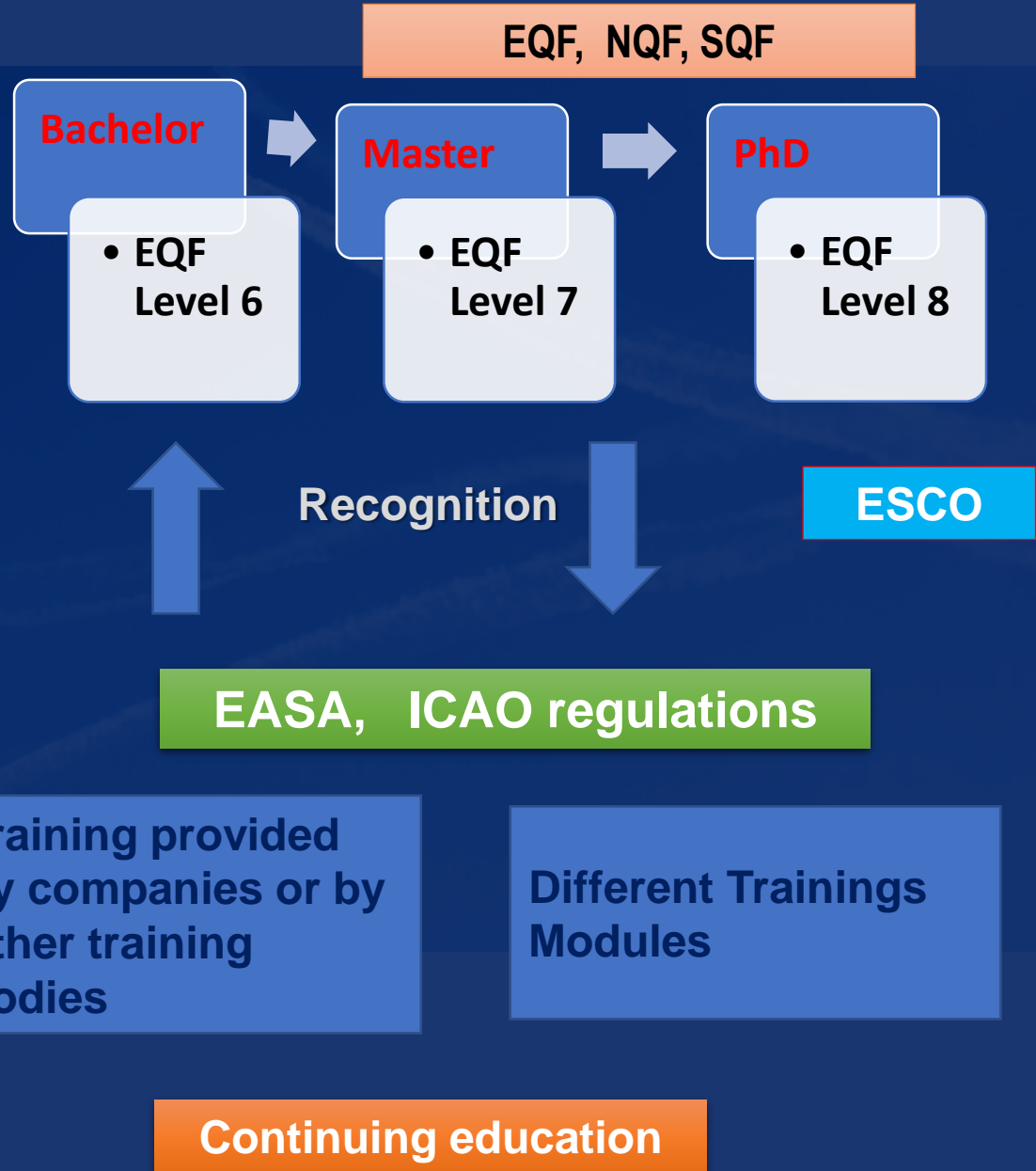
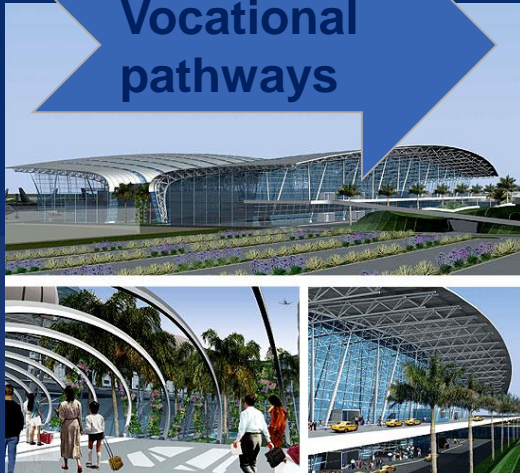


**Dialog and coherence of trainings**

**University pathway**



**Vocational pathways**







# Expected results

**1**

**Occupational analysis in air transport**

**2**

**Qualification analysis in air transport**

**3**

**New innovative study program “IT applied in aviation”**

**4**

**Methodology for Sectorial Qualification Framework (SQF) (tool for recognition of prior learning and work experience in aviation)**

**5**

**European Network for Aviation Training and Education (ENATE)**

# The partnership consists in **16 organizations from 6 countries**

The partnership covers all categories of occupations of air transport: regulatory, maintenance, handling, airports, ATC, airlines:

- ❑ 6 HEIs (5 universities and 1 école supérieure) with aviation, logistic and management study programmes,
- ❑ 2 adults training providers,
- ❑ 8 enterprises:
  - 1 airport,
  - 1 ATM provider,
  - 2 airlines,
  - 1 maintenance,
  - 1 handling provider,
  - 1 aviation investigation authority,
  - 1 consulting.

and **11 Associated partners from 5 countries**



# REPORT ON OCCUPATIONS IN AIR TRANSPORT



1. INTRODUCTION (scope, structure, definitions, methodology)
2. SECTORIAL BREAKDOWN OF CURRENT AND EMERGING OCCUPATIONS IN THE AVIATION SECTOR
  1. Classification of the occupations
  2. Competences framework
  3. Description of 120 occupations in term of tasks, competences and expected learning outcomes.
3. RESULTS
  1. Current occupations in the aviation sector
  2. Emerging and future occupations in the aviation sector
    - **Key knowledge, skills and competences**
    - **Education and training**
4. CONCLUSIONS AND NEXT STEPS





# REPORT ON **QUALIFICATIONS** IN AIR TRANSPORT INDUSTRY



## **CONTENT**

1. **INTRODUCTION** (scope, structure, definitions, methodology)
2. **SMART AIR TRANSPORT** (Airports, Air companies, ATC, handling)
3. **SMART OCCUPATIONS AND SMART EMPLOYEES**
4. **SMART QUALIFICATIONS**
5. **DESCRIPTION OF 30 QUALIFICATIONS**
6. **CONCLUSIONS**



# Smart qualification for smart air transport occupations

University POLITEHNICA of Bucharest and its partners in the Erasmus+ project *Knowledge Alliances in Air Transport (KAAT)*, cordially invites you to attend to the workshop "**Smart qualification for smart air transport occupations**".

The event will take place on **Tuesday, July 10, 2018** in **Lisbon** at *Instituto Superior Técnico (IST)*, between 9:00 and 17:00.

The workshop will focus **on the match between occupations and qualifications** in air transport. We value your contributions and interventions and we will greatly appreciate your active participation and feedback as a stakeholder.

Please confirm your attendance at: <https://goo.gl/forms/ITEWFJZsYhiha6o13>



# Workshop AGENDA

09.00 – 09.30 Welcome coffee and participants registration

09.30 – 11.00 Reports presentations

1. **Welcome and opening statements** - Sorin-Eugen ZAHARIA, University Politehnica of Bucharest, Romania;
2. **Report on occupational analysis in air transport** – Linda Napoletano, Deep Blue, Italy;
3. **Report on qualifications analysis in air transport industry** – Sorin-Eugen ZAHARIA, University Politehnica of Bucharest, Romania;

11.00 – 11.30 Networking coffee & tea break

11.30 – 13.00 Working groups

4. **Group of Airports (A)**
5. **Group of Air Companies (AC)**
6. **Group of Air traffic control (AT)**
7. **Group of Handling (H)**

13.00 – 14.30 Lunch

14.30 – 16.00 Plenary: presentation of main findings in each group

16.00 – 17.00 Conclusions





# WP3 Objectives

## CREATION AND IMPLEMENTATION OF A NEW INNOVATIVE STUDY PROGRAMME : **IT APPLIED IN AIR TRANSPORT**

- 140 students enrolled in 7 universities.
- 15 trained teachers.
- A new up to date qualification
- Modern curricula developed and implemented in participating universities.
- Innovative teaching materials for new programme

**Thank you for your attention!**





**KAAT**  
Knowledge Alliance In Air Transport



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