



AirTN

Air Transport Net



**AirTN-Nextgen Project Team & Final Review Meeting
10-11 October 2016, Bratislava, Slovakia**



WP 3: Education, Workforce & Research Infrastructure

Task 3.2: Education and Workforce

Benedikt BADANIK

University of Zilina, Slovakia



Main objective

- To stimulate transnational cooperation in education and workforce mobility

AirTN nextGen

**created a platform helping to
achieve it!**



AirTN
Air Transport Net



The Air Transport and Aeronautics Education and Research Association (ATAERA)





WORLDWIDE AVIATION PROGRAMMES JOIN FORCES

12 nov 2015 14:18 | Kenniscentrum Techniek

Eleven aviation programmes in Europe and across the globe are now working closely together in the areas of education, research and partnerships with the aviation industry. This collaboration has created a powerful network of like-minded Aviation universities, which form major partners in the field of aeronautics and air transport. The new network is called the Air Transport and Aeronautics Education and Research Association (ATAERA). ATAERA officially started with the signing of a Memorandum of Understanding by all eleven institutions.





• ATAERA PARTICIPATING INSTITUTIONS

- Amsterdam University of Applied Sciences, Amsterdam (The Netherlands)
- University of Zilina, Zilina (Slovakia)
- Vives University College, Oostende (Belgium)
- Zurich University of Applied Sciences, Zurich (Switzerland)
- IUBH International University of Applied Sciences Bad Honnef – School of Business and Management, Bad Honnef (Germany)
- Aeronautical University on Querétaro, Querétaro (México)
- Coventry University, Coventry (United Kingdom)
- Instituto Superior Técnico, Lisboa (Portugal)
- Purdue University, West Lafayette, Indiana (United States of America)
- Institute of Technology Carlow, Carlow (Ireland)
- Embry-Riddle Aeronautical University – Worldwide, Daytona Beach, Florida (United States of America)





Analyses of academic courses

The Survey on Quality of Aviation University Courses

Dear Sir / Madame,

Within the framework of FP 7 European Project AirTN NextGen the University of Zilina aims to identify Air Transport Industry needs in the field of specialised education. We would appreciate very much if you, as an expert could participate in the survey. It will not take more than 10 minutes of your time.

The Survey on Quality of Aviation University Courses in Europe designed in the framework of the FP 7 AirTN NextGen (Air Transport Network – Next Generation) research project.

The survey is in line with the Task 3.2: Education and workforce. It evaluates the aviation university courses against the needs of the aviation industry. Outcomes of the survey will be used to redesign the academic courses so that more students are attracted to aviation; so that graduates are more easily dovetailed into aviation related careers and so that the academic institutions can strengthen their role in meeting the global aviation challenges.

The survey also aims to update aviation education curricula so they reflect the fast changing market requirements, thus reinforcing of the education interests in the air transportation field. To fill out the questionnaire, please click the link below:

Thank you for your support
Best Regards

Prof. Antonin Kazda
Air Transport Department, University of Zilina
Representative of the AirTN Next Gen research Team

[Pokračovať »](#)



Dokončené na 16 %

- Evaluators:
Students
Industrial experts
Academics



Next step in stimulation of transnational cooperation in education and workforce mobility

Knowledge Alliance

Cooperation for innovation and the exchange of good practices



Analyses of internship placements

The Survey on Aviation Students' Internships and its Status

Dear Sir / Madame,

The survey on Aviation Students' Internships is aimed at identification of Air Transport Industry and Students' needs in the field of practical knowledge and education. It is in line with objectives of the AirTN NextGen FP 7 European research project that the University of Zilina is part of. We would appreciate very much if you, as an academic could participate in the survey. It will not take more than 5 minutes of your time.

The survey evaluates the internship placements and compares concept on students, aviation companies and legislative statuses within different member states' participants. Outcomes of the survey will be used to redesign the internship concept so that aviation industry receive better trained students; so that graduates are more easily dovetailed into aviation related careers and so that the academic institutions can strengthen their role in meeting the global aviation challenges. To fill out the questionnaire, please click the link below:

Thank you for your support

Best Regards
Prof. Antonin Kazda
Air Transport Department, University of Zilina, AirTN Next Gen research Team

[Pokračovať »](#)



Dokončené na 20 %

- **Internship placements for students: ATB, AirEXPLORE**



Joint degree course offered



- 2nd tier (graduate) students of the programme Air Transportation
- **Ecole Nationale de l'Aviation Civile (ENAC)**, Toulouse, France
- **University of Zilina**, Zilina, Slovakia





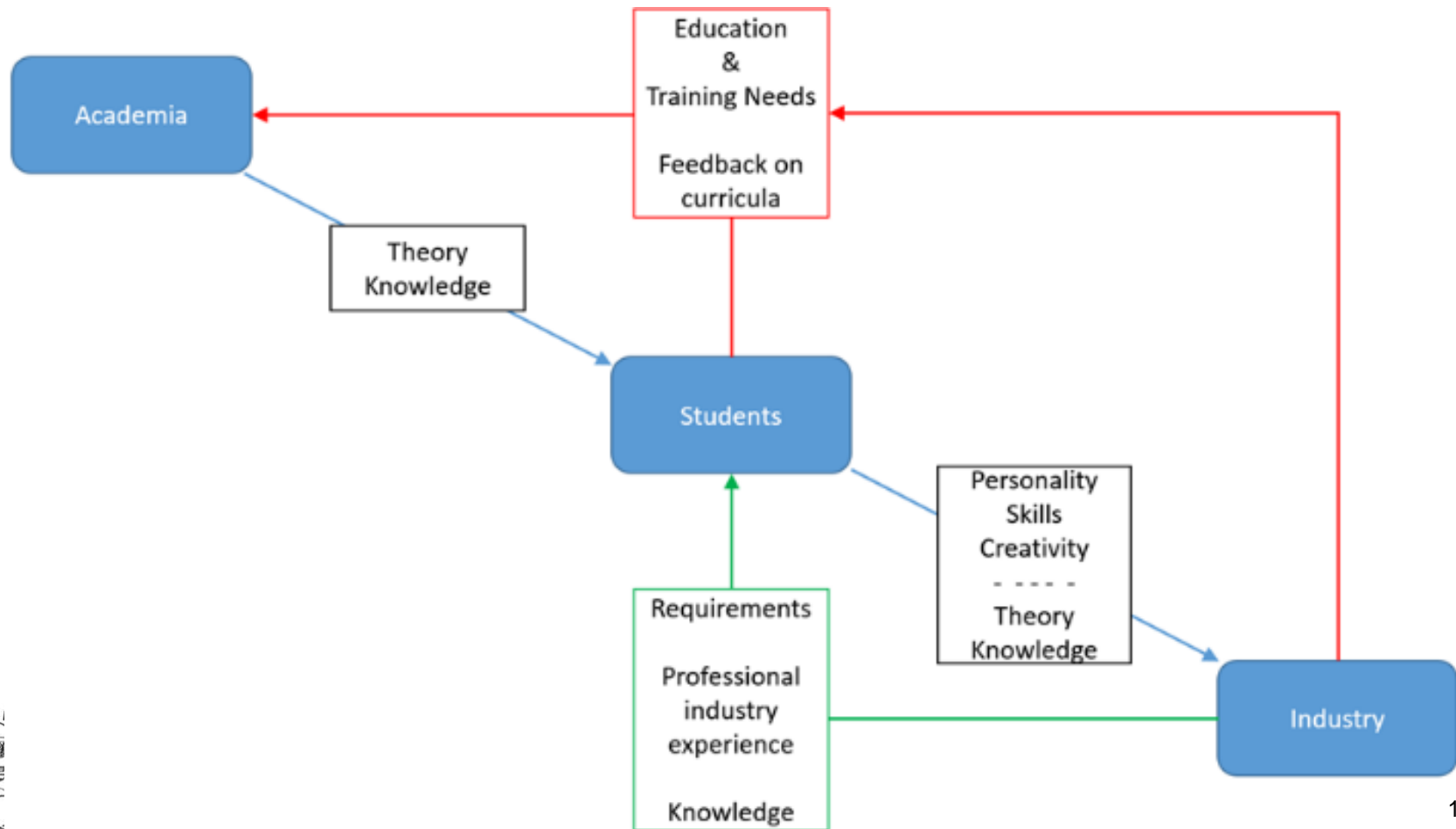
2 common master courses among prestigious aviation universities proposed

- SMARTS - Sustainable Management of Air Transportation System - Zilina, ENAC, Sevilla.
- IATE – International Air Transport Education – Zilina, Coventry, Amsterdam, Prague, Belgrade, Purdue





Monitoring action of education activities proposed





Two specific workshops,

involving universities, research establishment and aerospace and air transport industry

were set up



- **Workshop** on Education and Training needs for Aviation Engineers and Researchers in Europe, 23 September 2015
- INAIR 2014 **conference** – PRAGUE, NOVEMBER 13th & 14th, 2014
- INAIR 2015 **conference** – AMSTERDAM, NOVEMBER 12th & 13th, 2015
- INAIR 2016 **conference** – VIENNA, NOVEMBER 10th & 11th, 2016

invite you to international conference



In the 80's and 90's Europe's aviation sector (following liberalization and deregulation in the US) played an important role in the aviation world. Both airports and airlines played an important role in privatization of airports and airlines, airline alliances, low cost airlines, airport city development and participations/investments in airports abroad. During the last decade we have seen that Europe's position is being challenged. The fast growing aviation regions in the Middle East, Asia and Latin-America dominate the development of the aviation sector. New markets combined with new technology resulted in a major change in the aviation world. Today's leading airports and airlines can be found in the new regions, while the European industry is forced to defend or reconsider its position.

The INAIR Conference is an unique platform for discussion between academia and industry and the forthcoming conference will focus on the "Europe: How to Stay Connected" theme.



International Conference on Air Transport
"Europe: How to Stay Connected?"

13 – 14 November 2014
Hotel Grand Majestic Plaza ****
Prague, Czech Republic

Thus, many questions to be discussed are emerging:

- Is it finally time for Europe to consider how to stay connected?
- By what means it could be achieved? What are the unique selling points of Europe's aviation branch?
- What is the role of other regions in this process? How can Europe cooperate with other regions?
- Can Europe "export" training given its strong legacy?
- Is the new generation of professionals able to change current status?
- What is the role of national organizations and governmental institutions in strengthening European research and innovation potential in the field of Aeronautics and Air Transport?

Key Note Speakers



Zuzana Hrnkova
Head of Aircraft Interiors Marketing,
AIRBUS
France
Representing Aircraft Manufacturers' Point of View



Willy Ruf
Senior Vice President & CEO,
SWISSPORT
Switzerland
Representing Ground Handling Providers' Point of View



John Wensveen
Head of Aviation,
PURDUE UNIVERSITY
USA
Representing Consultancy Branch's Point of View



William J. Muldoon
Vice Chancellor, Campus Operations,
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
USA
Representing Academia's Point of View



Kevin D. Craven
ISO/IEC 17024 Certified Aviation Expert,
AFRIQIYAH AIRWAYS
Egypt
Representing Airlines' Point of View



Peter Mayerhofer
Master Plan Coordination Operations,
VIENNA AIRPORT
Austria
Representing Airports' Point of View



Peter Forsyth
Adjunct Professor of Economics,
MONASH UNIVERSITY
Australia
Representing Economists' Point of View



INAIR2015

KEYNOTE SPEAKERS



THOMAS HOFF ANDERSSON
Director of Airport Optimization
at Copenhagen Airports, Denmark



JOHN WENSVEEN
Head of Aviation Technology &
Professor at Purdue University, USA



COLIN MECKIFF
Head of Long-Term Research at
Eurocontrol Experimental Centre,
France



MIROSLAV BARTOS
CEO at Air Navigation Services,
Slovakia



DANIEL GUIMARANS
Researcher at National ICT, Australia



HENK HESSELINK
Sr. R&D Manager at National
Aerospace Laboratory (NLR), The
Netherlands



JOHN STOOP
Founder of Kindunos and
Airlines/Aviation Consultant, The
Netherlands



OLIVIER POULARD
Vice President of Business
Management at SITA, Switzerland



ANTONIN KAZDA
Head of the Air Transport Department,
University of Žilina, Slovakia



GERT MEIJER
Lecturer Aviation Academy at
Amsterdam University of Applied
Sciences, The Netherlands





Second Announcement

10 – 11 November 2016, Vienna

IN AIR 2016

5th International Conference on Air Transport

Registration

Registration is now opened at:

<http://www.inair.uniza.sk/>

Call for papers

Abstract submission deadline:

3 October 2016

Paper submission deadline:

24 October 2016



AIR TRANSPORT INDUSTRY:
Innovations and quality
in fast growing and mature markets



WP3.2: Education and Workforce - 2015



ACARE



Status: 26/08/2015

WORKSHOP ON EDUCATION AND TRAINING NEEDS FOR AVIATION ENGINEERS AND RESEARCHERS IN EUROPE

SEPTEMBER 23, 2015

European Commission, Room COV2 19-SDR1
Covent Garden Building, Place Rogier 16, 1210 Brussels



Workshop Outcomes:

- **Short term:**
- enhance cooperation between universities and industry
- lecturers from industry
- student internships in industry
- development of master programmes.



- **Mid-term:**
- mapping the needs in competences matrices (to compare the employers' needs with the educational offer) and reveal the strengths and weaknesses of the programmes
- take advantage of the work already performed in the space sector



- **Long-term:**
- what kind of cool projects could attract the students to Aeronautics and Air Transport?



AirTN
Air Transport Net



Thank you!

benedikt.badanik@fpedas.uniza.sk

