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REPORT

Project Name: „*Praktyki zawodowe i wymiana doświadczeń w branży lotniczej i fryzjerskiej*”

Reference No.: 2015-1-PL01-KA102-014787

Duration: February 22nd – March 18th, 2016
and 2 days of travel (28 days)





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Introduction

CASA DA EDUCAÇÃO is an entity that has as its mission the management and coordination of educational projects, to develop education and training of young people within the European Union, through the implementation of programs of exchange in Europe. This entity mediated practical training at **Grupo SEVEN AIR** for students from **Zespół Szkół Mechanicznych im. gen. W. Andersa w Rzeszowie, Poland** who participated in the project within the framework of the **Erasmus+** Programme of the European Commission.

14 Polish trainees were obtaining experience, broadening their professional knowledge and improving their skills for **28 days, in February and March 2016**, during practical training on **AIRCRAFT MECHANICS**.

This report serves to describe the organization and realization of the project and more importantly, to introduce the participants of this project, their visits and cultural experience that they gained during their stay in Lisbon, Portugal.





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Project Management

Mobility Project Preparation

CASA DA EDUCAÇÃO Project Manager will make sure that your organization is provided with all necessary documentation for the successful submission of your project application.

- On-going communication with the promoter of the project;
- Partnership Agreement with the sending institution;
- Partnership agreements with local companies and organizations to strengthen your project application;
- Detailed description of the partner vocational school and trainees' tasks.

Induction

- Welcome pack – at the arrival of the trainees in Lisbon, Portugal, CASA DA EDUCAÇÃO will provide them a Welcome pack, including useful information about Lisbon, local transport and social life, emergency numbers, etc.;
- Welcome session – presentation of the CASA DA EDUCAÇÃO team, project schedule, accommodation, rules, dissemination strategy options;
- Practical walk around Areeiro, Lisbon (accommodation surroundings)
 - banks, supermarkets, restaurants, local transport stations, etc.





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Duration, Dates, Trainees

- **26 days;**
- **February 22nd – March 18th 2016;**
- **Sending institution: ZESPÓŁ SZKÓŁ MECHANICZNYCH IM. GEN. W. ANDERSA W RZESZOWIE, POLAND, ul. Hetmanska 45A, 35-078 Rzeszów**

Trainees' names

1. Łętek Dawid
2. Ziobro Grzegorz
3. Makuch Jakub
4. Gil Bartłomiej Tomasz
5. Wojtan Karolina
6. Klimczak Robert
7. Makuch Maciej
8. Prucnal Norbert
9. Grabek Jakub Krzysztof
10. Szurlej Maciej
11. Bator Krystian Wojciech
12. Pluta Jakub Michał
13. Wywrót Sylwia
14. Pieniążek Wojciech Maciej





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Field of Vocational Education – Aircraft Mechanics

Tasks of Aircraft Mechanics:

1. Occupational safety and health
 - Learning of health risks and life dangers of aeronautic engineer's work
 - Learning of environmental dangers caused by aircrafts
 - Presenting the rules of safe work following the proper requirements
 - Learning of giving the first aid to wounded person
 - Learning how to protect against harmful effect of the noise, electricity or gas
 - Following the rules of occupational safety and health while performing tasks
2. Work organisation
 - Cooperating in teams to perform tasks of aircraft mechanics
 - Division of labour
 - Quality assurance
 - Managing the tasks performed and evaluating the results of it
 - Communicating with co-workers while doing the work
 - Finding solutions to improve the work
3. Supporting services of aircrafts
 - Preparation of tools and devices to measure and control the line service of aircrafts
 - Learning how to use those tools and devices while operating the line services
 - Hangar services: checking technical conditions of the airport and hangar equipment and learning how to use it in the aircraft service
 - Learning how to use the technical records while operating the aircraft services and also how to fill in the documents





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- Learning of air organisations and their coverage
- Learning how to evaluate the quality of working materials
- Identifying the risks related to providing the aircraft with gases and liquids
- Learning how to evaluate the technical conditions of the aircraft operating with special devices and how to prepare those documents for the evaluation
- Learning how to manage with damaged system or equipment at the aircraft
- Learning how to select appropriate spare parts to do the repairs
- Distribution of spare parts and operating materials
- Learning how to get the data from computer supporting system
- Learning how to use technical documentation
- Analysing the malfunctions of the aircraft





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Practical Training on Aircraft Mechanics

The trainees had the opportunity to gain knowledge in the areas of the Aircraft Mechanics. The training took place at **Grupo SEVEN AIR** and was led by Eng. João Oliveira and Eng. André García.



The trainees were working 5 days a week from 8:00 till 12:00 and from 13:00 till 17:00.





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GRUPO SEVEN AIR |
<http://www.grupo7air.com/en/>

CENFORTEC is a specialist aviation company with a long and distinguished history. Since 1918 aircraft and engines have been produced and maintained at their facilities in Alverca. With over nine decades of historical achievements, CENFORTEC is today a very important worldwide player in the aerospace MRO and manufacturing business.

CENFORTEC has been keeping pace with the evolution in aviation industry demonstrating, at all times, to be up to Aviation Authority Standards, thus attaining the required approvals that nowadays allow for the vast solutions





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that they offer and, most of all, that can be experienced by Customers, fulfilling their expectations.

CENFORTEC is a fully qualified company in both civil and military aviation, with certification as a FAR 145 and EASA 145 repair station, AQAP 2110 and ISO 9001-2008 Quality Management. The company is an established and authorized maintenance center for several Original Equipment Manufacturers, including Lockheed Martin, Embraer, Rolls-Royce, among others.





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Cultural Activities

CASTELO DE SÃO JORGE |

www.castelodesaojorge.pt/?lang=2

The **Castle of São Jorge** is a Moorish castle that occupies a strategic position overlooking the city of Lisbon and the broad Tagus River beyond. The strongly fortified citadel, which, in its present configuration, dates from medieval times, is located atop the highest hill in the historic center of the city. The castle is one of the main historical and touristic sites of Lisbon.



DOWNTOWN LISBON, COMMERCE SQUARE

Santa Justa Elevator, also known as Carmo Elevator, is one of the most interesting monuments of Lisboa historical centre. Conceived by Raoul Mesnier du Ponsard in a Gothic Revival Romantic style, and inaugurated in 1902.

TRIP TO CRISTO REI, SINTRA, CABO DA ROCA, BOCA DO INFERNO AND CASCAIS

NATIONAL SANTUARY CRIST THE KING | www.cristorei.pt

This monument was inspired by Christ, the Redeemer, statue in Rio Janeiro, Brazil, after the Patriarch of Lisbon visited that monument.





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SINTRA | WORLD CULTURAL HERITAGE BY UNESCO

www.youtube.com/watch?v=rWr3M2rbvCg

Sintra is a picturesque Portuguese town that is set amidst the pine covered hills of the Serra de Sintra, just to the west of Lisbon. This slightly cooler climate attracted the nobility and elite of Portugal, who constructed exquisite palaces, extravagant residences and decorative gardens. The variety of fascinating monuments and historic buildings makes Sintra a highly regarded tourist destination and is a popular day trip from Lisbon.

QUINTA DA REGALEIRA | www.regaleira.pt/

Quinta da Regaleira is one of the most surprising of all Sintra's monuments. Located on the outskirts of the town, it was built 1904 e 1910, in the last days of the Portuguese monarchy; In the same day the group visited also **Cabo da Roca** which is the most western point of continental Europe, **Boca do Inferno** and **Cascais** historical city center and beach.





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TRIP TO COIMBRA, FATIMA, BATALHA AND ÓBIDOS

COIMBRA UNIVERSITY | <http://www.uc.pt/en>

Coimbra, a riverfront city in central Portugal and the country's former capital, is home to a preserved medieval old town and the historic University of Coimbra. Built on the grounds of a former palace, the university is famed for its baroque library, the Biblioteca Joanina, and its 18th-century bell tower. In the city's old town lies the 12th-century Romanesque cathedral Sé Velha.

PORTUGAL DOS PEQUENITOS |

<http://www.portugaldospequenitos.pt/en/>

FÁTIMA SANCTUARY | <http://www.santuario-fatima.pt>

The Sanctuary at Fátima was constructed over time in or near the area of Cova da Iria, where the three children witnessed the Marian apparitions of *Our Lady of the Rosary* (later known as *Our Lady of Fátima*). Central to the





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complex is the small Chapel of the Apparitions and its shelter, where legend suggests many of the events of the apparitions took place and where the first pilgrims venerated the Marian apparitions.

ÓBIDOS VILLAGE | www.obidos.pt

Once the wedding present to a Queen, the preserved medieval town of Óbidos lying 80 km north of Lisbon is without doubt one of Portugal's most interesting walled settlements.

The Óbidos Christmas Event takes place every year in the town. You can get lost in the Labyrinth, take a ride on the Merry-go-Round, have a drink at the Ice Bar, visit Santa Claus farm, skate on our Ice Rink and slip down the Toboggan Slide. Visit Santa's House and his Toy Factory, as well as many other entertainments.





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ELECTRICITY MUSEUM |

<http://www.edp.pt/en/sustentabilidade/fundacoes/fundacaoedp/museudaelectricidade/Pages/MuseuElectricidade.aspx>

The Tejo Power Station is one of Lisbon's architectural landmarks and boasts a façade of undeniable beauty. In its day it was a real pioneer in electricity generation. Today, almost a century since it was built, the power station has again taken on innovative aspects and a prominent position as an Electricity Museum. The main part of the permanent exhibition is the power station itself, i.e. all the equipment making up the old generating unit, which is still all there today. The exhibition endeavours to give visitors a clear idea of the way Lisbon's old thermoelectric plant worked, identifying its different components and explaining how it operated.

OCEANARIUM | www.oceanario.pt

Opened in 1998, the Oceanarium was the centerpiece of the XXth Century's last World Fair, themed "The Oceans, a Heritage for the Future", and eternally binds Lisbon to the Oceans. With over one million visitors per year, the Oceanarium welcomes the largest number of patrons anywhere in the country.





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BELÉM, Lisbon – Jerónimos Monastery, Belém Tower, Monument of Discoveries | <http://www.torrebelem.pt/pt/index.php>
<http://www.mosteirojeronimos.pt/en/>
<http://www.padraodosdescobrimentos.pt/>

Belém - The glories of Portugal's explorers and the Age of Discovery. Lisbon's most monumental and historical area is Belem. It was from here that many of the great Portuguese explorers embarked on their voyages of discovery: Prince Henry the Navigator and the first overseas expedition to conquer Ceuta in Morocco, Bartholomeu Dias to round the Cape of Good Hope, the first voyages of Ferdinand Magellan, Vasco da Gama to discover the sea route to India, and Christopher Columbus stopped here on his way back to Europe after discovering the New World. During this time Lisbon flourished with riches pouring into Portugal and saw the construction of great monuments like the **Belem Tower** and **Jeronimos Monastery**. Today these





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monuments and their surrounding museums are essential viewing for any visitor.



BENFICA STADIUM | <http://www.slbenfica.pt/>

It proudly displays Sport Lisboa e Benfica's long and rich history, including a multifunctional room for temporary exhibitions.





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Portuguese Language Course

The group was given very intensive Portuguese lessons with **Joana Cojacaro**, their Portuguese teacher. Joana's teaching methods were very effective as she teaches useful things in Portuguese and creating an enjoyable atmosphere in the class. Our Portuguese classes can be described by two words: dynamic and practical! To teach the language we use an interactive method based on learning by practicing. The main point is speaking and actively using the language in practical situations. The training was delivered from February 22nd to February 29th 2016.

After 10 hours of hard learning, the students had written an exam.

Project Evaluation

According to the feedback from the trainees and their vocational training tutors, we can claim that the project was excellent and met expectations from all the participating parties. CASA DA EDUCAÇÃO team did their best to ensure the communication among the sending institution and receiving organization at every stage of the project, which contributed to the fact that this project provided an enriching experience to all the participants. Moreover, CASA DA EDUCAÇÃO took good care of successful communication between vocational training tutor and trainees by mediating. The trainees had, also, the chance to see the way of working in Portugal, get to know a lot of useful information to be implied in the job market.

To make sure that the trainees obtained the promised training experience, CASA DA EDUCAÇÃO provided them with the on-going tutoring. Monitoring was done on regular basis in their training placement evaluating their work performance and their achievement.





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To validate the acquired skills, the trainees, at the end of their stay, received a complete proof of their participation in the project by means of several methods of recognition:

- Europass Mobility Certificate
- Participation Certificate
- Language Certificate (Portuguese).





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Conclusion

CASA DA EDUCAÇÃO team did their best in order to deliver the best professional and cultural experience to the trainees of the project, being always ready to help, give advice and solve any problems or doubts.

The trainees were fully satisfied with their training. Because of the practical part of the training, they gained valued and needed professional experience, which is highly appreciated and sometimes even specifically asked by today's employers.

We have no doubt that our trainees will use their new knowledge and experience and increase their chances at the labour market and dazzle their future potential employers in Poland.

Moreover, the trainees learnt the basics of Portuguese Language, were able to work in a multi-cultural environment and proved themselves with the ability and work individually as well as in a team.

CASA DA EDUCAÇÃO team was extremely satisfied with the trainees' involvement in the project and personal interest in whatever they participated in.

This project was very successful and we hope to realize other successful projects with **Zespół Szkół Mechanicznych im. gen. W. Andersa w Rzeszowie, POLAND**, in the future.

Lisbon, 19th of March 2016

Francisco Rodrigues
Director

