



Fundusze Europejskie
Wiedza Edukacja Rozwój

Unia Europejska
Europejski Fundusz Społeczny



Project Final Report

“Europejskie praktyki trampoliną do sukcesu młodych techników”

2015-1-PL01-KA102-015390

BETWEEN

The Sending Organization

Zespół Szkół Technicznych w Cieszynie

The Intermediary Organisation

Euromind Projects SL

AND

The Host Organization

SAFA Nuestra Señora de los Reyes

Training Programme Dates:

20-06-2016 - 01-07-2016

EUROMIND AS PROJECT PARTNER

1. Profile Description

euroMind is an international training consultancy and VET provider with headquarters in Seville and Úbeda in Andalusia (Spain).

euroMind as a training provider delivers vocational education trainings, general and job-related language courses, VET training-related workshops and study visits, workshops on culture, lifestyle and customs of EU countries as well as classes on skilful and effective job search in the EU.

It promotes and delivers trainings for teaching staff and secures work placements and exchange activities for VET students and graduates enabling at the same time young people and professionals to make the most out of opportunities of competencies & skills development offered by European educational programmes.

euroMind in partnership with Andalusian vocational colleges and companies delivers school based vocational trainings for students of different educational fields, such as: CNC, automation, electricity, renewable energy sources, plumbing, industrial and graphic design, 3D design, ICT, electronics, administration.

euroMind as a VET provider works in partnership with a wide array of private companies in almost all the sectors, such as tourism, business administration, medicine, fashion, hairdressing, health & beauty, physiotherapy, marketing, media, advertising, public relations, tourism, IT, social work, logistics, nursing, construction, geodesy, analytics etc.

2. euroMind experience and expertise

The euroMind possesses extensive experience and expertise in the field of European mobility projects preparation and management which allows it to assist Spanish vocational colleges and governmental institutions with the preparation of project applications, finding trustworthy and competent host partners in Europe for their project participants, teaching and HR staff.

Over last 3 year euroMind has participated as a receiving – host partner in over 60 mobility projects with the participation of a total of 1800 persons: students from technical and vocational schools, university students, graduates, unemployed and teaching and HR staff. These projects involved partners from Poland, Great Britain, Czech Republic, Slovakia, Germany, Portugal, Turkey, Croatia, Italy, Greece, Bulgaria, Lithuania, Latvia, etc. The full list of projects including numbers and titles is available on the euroMind website: www.euromind.es in the Gallery.

euroMind is also responsible for the participants' linguistic, socio-cultural and practical preparation and also, if necessary, for the project administration and management issues.

euroMind has been participating as a sending and host organization in more than 100 projects including Leonardo Partnership, Erasmus Placement and Leonardo Mobility – PLM, VETpro and IVT and Erasmus + projects.

euroMind monitors that all the required documentation is prepared and submitted on time at every stage of the project lifecycle and makes sure that all the partners carry out their responsibilities.

euroMind participates in seminars organized by ECVET team regarding the use of system of transfer of competences and skills in the vocational training. euroMind experts have extensive knowledge in the field, hence they are able to train their partners on how to make use of this system in their projects.

euroMind has an impressive network of partner companies from different economic sectors. More than 400 entities both private and public cooperate with euroMind in Ubeda, Seville and Cracow. This extensive activity is a perfect guarantee that all the students received by euroMind will be successfully placed.

PROJECT PARTICIPANTS' LIST

Participants' Name	Placement Sector
Marek Kajsutra	Solar energy installer
Dominik Zawada	Solar energy installer
Damian Jankowski	Solar energy installer
Paweł Orszulik	Solar energy installer
Kamil Czyż	Solar energy installer
Daniel Strządała	Solar energy installer
Agata Kuś	Solar energy installer
Damian Gawlas	Solar energy installer
Łukasz Macura	Solar energy installer
Jan Sidzina	Solar energy installer
Beniamin Szklorz	Solar energy installer
Kamil Kałuża	Solar energy installer
Michał Sala	Solar energy installer
Dawid Smelik	Solar energy installer
Mateusz Tomica	Solar energy installer
Rafał Śledziak	Solar energy installer
Kewin Tekla	Solar energy installer
Szymon Gazurek	Solar energy installer



TRAINING PROGRAMME

Host Organization: SAFA Nuestra Señora de los Reyes

1. Description of the host organization

SAFA Nuestra Señora de los Reyes is a school complex, located in the heart of Old Town in Seville, with more than 800 students and 30 teachers of whom 10 are vocational education teachers.

The school provides all educational levels, excluding university education, starting from primary school to vocational trainings at basic (formación profesional de grado medio) and regular level (formación profesional de grado superior). The main VET fields are: Microsystem Technologies (basic level) and Network Systems Management (regular level).

The infrastructure and professional staff, mostly engineer, graduated from Spanish technological universities, enables SAFA to provide additional trainings in the field of renewable energy sources (solar energy).

The institution possesses a wide experience in the following projects and actions:

- Multilateral Comenius Project: "Tourism and Environmental Protection"
- The Comenius Programme: "Exchange of knowledge and experience in giving IT courses" carried out in cooperation with vocational school from London ST. Ignatius College and vocational school La Providence from Amiens, France
- The Leonardo PLM Programme under which two graduates of Vocational Education Training in Network Systems Management degree (higher level) did their training in the UK as a result of cooperation with Cardinal Newman College
- Picasso Programme under which two other students of Vocational Education Training in Network Systems Management did their internships in a training center in Dublin and Milan.

Since the school year 2009/2010 SAFA has been using its own Erasmus Charter. Moreover, since the school year 2001/02 the school complex is in the possession of quality certification UNE-EN-ISO 9001 and environmental protection certification UNE-EN-ISO 14000 issued by AENOR (Spanish Association for Standardisation and Certification).

Besides regular educational programmes, the school is also providing courses and trainings for unemployed people in the following fields: Industrial Design Auxiliary Engineer (650hours), Office Media Technician, Draftsman-Technician supporting product and industrial systems design in 3D (AutoCAD, Solid EDGE), Computer Science Technician.

2. Main responsibilities & tasks carried out during the training

- Recognizing the qualities and quantities of the solar energy, as much as the movement of the Sun
- Recognizing different implementations of the solar energy
- Recognizing the elements of solar installation
- Recognizing and identifying the risks of working with solar energy

- Recognizing the types photovoltaics cells: polycrystalline, monocrystalline and amorphous
- Obtaining the characteristic parameters of the panel. Including measuring voltage and current, using a multi meter, according to the inclination grade
- Gathering the panels in series and in parallel, and checking its parameters
- Recognizing and identifying different types of regulators, its programming and functioning
- Checking, identifying and maintaining the batteries
- Checking, identifying and maintaining the inverters
- Assembling the isolated solar installation
- Calculating and scaling the solar installation in a computer
- Designing the isolated solar installation in the computer
- Assembling electrical panel and AC power circuits of the house, solar circuit of the house
- Visiting solar facility of 64 kWp, connected to the network
- Assembling plumbing installation for the shower and water taps, with the solar pump
- Assembling solar lamps with a twilight switch so it works for a few hours since the sunset
- Assembling the presence sensors
- Visiting thermos-solar facility: Solucar

Marek Kajsutra

Tutor's final note

6 (Excellent)

1. Tutor's final evaluation

He works well in a team, always is willing to work and carry out tasks. He presents his knowledge well and always works quickly. His group was the best one of all groups in terms of quality and speed.

2. Participant's opinion about his/her personal & professional development

While my trainee-ship in Spain I have met a lot of interesting people both in SAFA school and in euroMind residence. At classes in SAFA I have learnt basic use of AutoCAD program and how to make and install photovoltaic cell. Spanish classes were very interesting, we had an opportunity to not only learn some useful locutions but also we sang Spanish songs. Thanks to our stay in euroMind we have learnt how to cooperate and solve everyday problems.



Dominik Zawada

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

He is always positive and smiling, it's a pleasure to work with him. However, the tasks should be carried out quicker and with a bit better quality.

2. Participant's opinion about his/her personal & professional development

The trainee-ship was carried out in an interesting and clear way. Our professors were educated well and were sharing their knowledge with fantastic methods. Our Spanish teacher was teaching nice in a fun but balanced way, so we have improved our Spanish quickly and most of all, naturally. Our residence was a perfect place, where we could rest. It has everything that needs a young person. The food was tasty, different and served in an aesthetic way.



Damian Jankowski

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

He is always positive and smiling, it's a pleasure to work with him. However, the tasks should be carried out quicker and with a bit better quality.

2. Participant's opinion about his/her personal & professional development

The placement was carried out by competent people, in a responsible way. We have learnt a lot of interesting things, that surely will help us in the future job, connected without professional profile that we do. During Spanish lessons we could learn and have fun at the same time. Our teacher was doing it lively, translating clearly, using the multimedia equipment, organizing games, thanks to which we could get used to the language. The residence was clean and comfortable, with air conditioning. Perfect for trainees that take part in placements in Spain.



Paweł Orszulik

Tutor's final note

6 (Excellent)

1. Tutor's final evaluation

He works well in a team. He was quick and works with a good quality. He was always ready to work.

2. Participant's opinion about his/her personal & professional development

Our trainee-ship was very informative. Mr Javier and Mr Emanuel, our tutors, have huge knowledge about renewable energy, so they gave us an opportunity to learn a lot. At our Spanish classes we have learnt some useful locutions. I didn't expect that I will learn so much in such a short time. Our

residence was very clean and comfortable. Inma, the cook, prepared delicious food. One of the most important advantage of our residence was air conditioning in every room.



Kamil Czyż

Tutor's final note

6 (Excellent)

1. Tutor's final evaluation

He was one of the best people in the group. He was always willing to work hard. He works well in a team. He was quick and works with a good quality. He was always ready to work.

2. Participant's opinion about his/her personal & professional development

At our internship in SAFA we have worked with authoritative and patient tutors. Thanks to them we have learnt a lot and enhanced our experience. Also we had Spanish classes at which we have learnt useful vocabulary in order to communicate with local people. The food was traditional, home-made and delicious and the residence was very clean and comfortable.



Daniel Strzdała

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

He is always positive and smiling, it's a pleasure to work with him. However, the tasks should be carried out quicker and with a bit better quality. He is hard-working, and he has very good with communication, he was always helping the rest of the team with understanding the tasks.

2. Participant's opinion about his/her personal & professional development

At our practical training in SAFA I've learnt how to design in AutoCAD program, how the photovoltaic cell works and some Spanish vocabulary. Trainee-ship was very informative and it enhanced my experience. At Spanish course I've learnt lots of new vocabulary with enabled me to communicate with local people. I've enjoyed working with our Spanish teacher, Marie Jose. She was very nice and helpful. While staying in euroMind residence I had a chance to try Spanish food and I liked it a lot. The residence was very clean and comfortable.



Agata Kuś

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

She was very interested in the topic and works very hard, however she is a bit shy in the group.

2. Participant's opinion about his/her personal & professional development

Our internship has been carried on by authoritative and patient tutors. Thanks to SAFA school and training programme, we have extended our practical and theoretical knowledge. Our Spanish lessons were nice and easy, so we had an opportunity to learn a lot and use new vocabulary in real life. Our residence has been equipped in everything we needed. Our host provided us varied and tasty diet.



Damian Gawlas

Tutor's final note

6 (Excellent)

1. Tutor's final evaluation

He works well in a team. He was quick and works with a good quality. He was always ready to work. He was one of the best people in the group. He always was willing to work hard.

2. Participant's opinion about his/her personal & professional development

The placement in the SAFA school was very useful. Thanks to our group work, I have acquired new knowledge and experience. I have learnt how to work with AutoCAD programme. Also I had a Spanish course, where I could learn this language, and I got to know useful phrases. Thanks to these classes, I have become more confident with Spanish. The residence was tidy and very nice. Inma, our cook, was cooking tasty meals. I will always remember well the stay here.



Łukasz Macura

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

He works very well, always gets results of a good quality. He is willing to learn and work hard. The only thing is he should work a bit faster.

2. Participant's opinion about his/her personal & professional development

At trainee-ship in Spain I have enhance my knowledge about renewable energy and basics of electrical engineering. Also I have learnt to work in a group. I have learnt how to use the AutoCAD program. At our Spanish lessons I have learnt vocabulary with was useful while communicating with local people. I have enjoyed a lot my stay in Seville.



Jan Sidzina

Tutor's final note

6 (Excellent)

1. Tutor's final evaluation

He works well in a team, always is willing to work and carry out tasks. He presents his knowledge well and always works quickly. His group was the best one of all groups in terms of quality and speed.

2. Participant's opinion about his/her personal & professional development

Internship in SAFA enabled me to enhance my experience and skills. Our activities were very useful, because we had an opportunity to learn photovoltaics. Thanks to the working in groups we could exchange the knowledge. At Spanish lessons I have learnt vocabulary with was useful while sightseeing. Our residence was very clean and comfortable. The food was delicious. Every room was equipped in air conditioning so it was nice and chilly.



Beniamin Szklorz

Tutor's final note

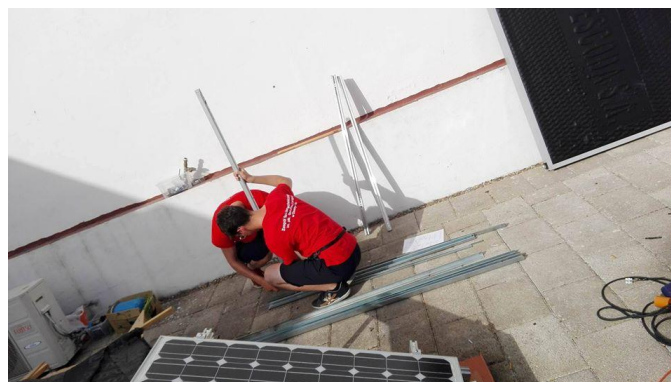
5 (Very Good)

1. Tutor's final evaluation

He is always positive and smiling, it was a pleasure to work with him. However, the tasks should be carried out quicker and with a bit better quality.

2. Participant's opinion about his/her personal & professional development

On our practical training in the SAFA school, I have learnt inter alia how to cooperate in the team, how to design in a AutoCAD programme. I have broadened my knowledge about photovoltaics, as much as I improved the ability to mount simple electrical installations. The placement in SAFA surely improves my professional experience. On the Spanish course I have gained the basic communication skills in Spanish. The classes had different types of games and Spanish songs.



Kamil Kałuża

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

He works very well, always gets results of a good quality. He is willing to learn and work hard. The only thing is he should work a bit faster.

2. Participant's opinion about his/her personal & professional development

The practice in the SAFA school let me acquire new skills and information about renewable energies, particularly photovoltaic panels. Thanks to this placement, I improved the way of working in a team and with people, and also how to carry out tasks independently. It became easier for me, thanks to the knowledge that I acquired. I have worked with the AutoCAD programme and learnt the basic functions of it. Spanish lessons were very interesting and developing our knowledge. I have learnt a lot of new words, thanks to which I could start talking to Spanish-speaking people. The residence during our stay, we have learnt the independence and responsibility. Every day, we had tasty dinners, and rest after the practice, every person could spend in their room, that had its own air conditioning.



Michał Sala

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

He is hard-working, but he needs to practice a bit more. He is always positive and smiling, it's a pleasure to work with him. However, the tasks should be carried out quicker and with a bit better quality.

2. Participant's opinion about his/her personal & professional development

The practice in the SAFA school were one of the things that I liked about my stay in Spain. Javier, our teacher, is a very nice person that always is willing to explain all the functioning rules of the

equipment we used. During the practice I have learnt how to work in a group, for example during the mounting of parts, and also I have learnt how to do programming in the AutoCAD, that surely will be useful for me in the future. I will also remember a lot after our Spanish course with our teacher Mari. The classes were always flying by, because she was always carrying out our classes with nice games or activities like singing. Our residence was very simple, but included everything that we needed. The best feature of the residence was our cook Inma, whose meals were very tasty and we always had enough of food.



Dawid Smelik

Tutor's final note

6 (Excellent)

1. Tutor's final evaluation

He works well in a team, always is willing to work and carry out tasks. He presents his knowledge well and always works quickly. His group was the best one of all groups in terms of quality and speed.

2. Participant's opinion about his/her personal & professional development

At trainee-ship in Spain I have enhance my knowledge about renewable energy and basics of electrical engineering. The SAFA school was very well equipped and we had professional and helpful tutors. At Spanish course I've learnt lots of new vocabulary with enabled me to communicate with local people. Our Spanish teacher explained everything very clearly, despite the fact that she knew English and Spanish only. Thanks to our host, Inma, the stay was nice and comfortable. What is more, we had an opportunity to try traditional, Spanish dishes. We'll never forget our placement in Seville.



Mateusz Tomica

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

He was the best in the group. He is always positive and smiling, it's a pleasure to work with him. However, the tasks should be carried out quicker and with a bit better quality.

2. Participant's opinion about his/her personal & professional development

At my trainee-ship I have learnt lot of new, interesting things. Tutors were very well-prepared and willing to help with any problem. SAFA school is very well equipped what enabled me to enhance my experience. Our Spanish teacher explained everything very clearly, despite the fact that she knew English and Spanish only.



Rafał Śleziak

Tutor's final note

6 (Excellent)

1. Tutor's final evaluation

He works well in a team. He was quick and works with a good quality. He was always ready to work.

2. Participant's opinion about his/her personal & professional development

Trainee-ship in SAFA school have been very important for me. I've gained a lot of practical and theoretical knowledge which have enhanced my experience. I'm sure I will be useful in the future. Also I've learnt to work in group. At our Spanish classes I've learnt a lot of new vocabulary so I could communicate with local people. I've also enjoyed an atmosphere in euroMind residence where everyone was nice. Thanks to our host, Inma, the stay was nice and comfortable. We'll never forget our placement in Seville.



Kewin Tekla

Tutor's final note

6 (Excellent)

1. Tutor's final evaluation

He works well in a team, always is willing to work and carry out tasks. He presents his knowledge well and always works quickly. His group was the best one of all groups in terms of quality and speed.

2. Participant's opinion about his/her personal & professional development

Internship in SAFA were carried on very clearly by well prepared and professional tutors. Thanks to this practical training we have learnt a lot about renewable energy. I am very pleased that I had an opportunity to take part in this project. Spanish classes were very interesting. Our Spanish teacher was speaking slowly and understandable, what is more, the teacher was able to translate everything to English for everyone to understand. Our residence was clean and luxury. The food was tasty. I have enjoyed a lot my stay in Seville.



Szymon Gazurek

Tutor's final note

5 (Very Good)

1. Tutor's final evaluation

He worked very well in the group, he knew a lot of stuff about 3D designing. He was very interested in the training and worked very hard.

2. Participant's opinion about his/her personal & professional development

Trainee-ship in SAFA enabled me to enhance my experience. I have enjoyed our classes as well as working in groups. I have learnt designing using AutoCAD, team work and basic electrical skills. Our Spanish lessons were very interesting and I have learnt vocabulary which was useful while sightseeing. In our residence was very clean, tidy and comfortable. The food was traditional, home-made and delicious. The thing that I admired the most was an air conditioning in every room.



PROJECT MANAGEMENT

1. Mobility Project Preparation & Induction

Before the arrival of your trainees in Spain, euroMind provided them with the pre-arrival guide, including useful information, local transport & social life, emergency numbers.

euroMind has also arranged Skype meeting with the participants in order to get to know them and to interview them.

After the Skype interview, euroMind created a Facebook group to which all the selected participants were invited, together with their Teachers. This way euroMind Coordinator had constant contact with the target group already before their arrival in Spain.

euroMind took responsibility for preparing Learning Agreements individually for each participant and made sure that all the parties involved signed all the necessary documents.

On the first day after the arrival, euroMind organized the welcome session during which the participants got to know the euroMind team, were reminded about the programme agenda, accommodation rules and dissemination strategy options.

Later on, the participants were taken for a walk around the neighborhood to get to know the area and find out where banks, mail box, workplace, supermarkets, bus station are.

2. Monitoring & Monitoring

In order to make sure that the objectives of the Learning Agreement were going to be achieved and that the participants would be fully integrated in the companies' work culture, the monitoring was delivered by all of the parties involved in the project.

euroMind assigned a Mentor for the group of participant who was responsible for the introduction of the participants to the host organisation. During the training the Mentor delivered monitoring visits to the host organisation in order to revise the tasks of the trainees, their progress as well learn from the first hand the level of satisfaction of both the participants and the training centre Tutor.

The Mentor in cooperation with the Tutor carried out the evaluations of the trainees in the middle and at the end of the training.

After obtaining the results of the half-way through evaluation, the Mentor met the participants to give them the results of this evaluation. The least favourable results were discussed with the participants in private so that both the Mentor and the trainees had the comfort of sharing the information and exchanging the opinions and finding solutions to some problematic issues.

The Tutor from the host organisation was responsible for helping, informing and guiding and supervising the work done by the participants. The tutor had regular meetings with the participants in order to assess their progress during the training.

euroMind at the end of the programme during the goodbye session handed out evaluation sheets to the participants so that they could assess their stay in Spain, training programme, as well as the work of the euroMind.

euroMind was also available to the participants 24/7 in case of emergency.

3. Communication

EuroMind takes good care of successful communication between host organizations and trainees. Each evaluation of work is aimed at improving the quality of cooperation. Each party is thoroughly checked and assessed and the necessary improvements are introduced. Moreover, euroMind mediates in this tutor-trainee collaboration by translating and solving language-connected complicated matters.

4. Dissemination strategy

euroMind took active part in the process of preparing and dissemination results of the project together with the sending organisation and participants.

While the trainees were in Spain, euroMind involved them in a number of activities the aim of which was to make students monitor and collect all the information related to the progress of their work placements and stay in Spain. The materials produced by the participant would be then used as tools for disseminating results by the school in their country and by the partner in Spain.

The participants could work in groups or individually. On the first day they needed to decide on the form or forms of recording their professional experiences.

As a rule, the whole group needed to create a Facebook fan page as it is an effective and quick means of accessing large numbers of people. What is more, it is a form that appeals to young people as they can share their experiences instantly and receive instant feedback, too. The fan page is always linked to the euroMind's Facebook fan page. The sending organisation was also asked to do the same thing.

This way the material produced by the trainees reached bigger audiences and was more effectively disseminated.

5. Certification

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

- Training Certificate
- Europass Mobility Certificate
- ECVET if applicable
- Spanish Course Certificate if applicable

CULTURAL & LINGUISTIC PREPARATION

1. Spanish course: teaching method & participants' outcomes

The group was given very intensive Spanish lessons with our Spanish Teacher. euroMind's teaching methods were very effective as they made learning fun through playing games and creating an enjoyable atmosphere in the class. The Spanish classes can be described by 2 words: dynamic and practical! We use an interactive method of teaching based on learning by practicing. This means that grammar is covered as much as possible by using practical situations, so speaking and actively using the language is central. After intensive and hard learning the students had a written an exam.



2. Study Visit

The trainees had an opportunity to visit Abengoa Solucar Complex, the largest solar complex in Europe that features a research and development site, where a variety of new technology experimental plants are being investigated. During this visit the trainees learnt about solar tower technology, photovoltaics and parabolic trough plants. Participants also saw an interesting video that proves that environmental protection, archaeology and new technologies can go hand in hand.



3. Cultural activities, Andalusian cities & places visited during the programme

Seville is the artistic, cultural and financial capital of Andalusia in the southern Spain. The city is a historical masterpiece full of Islamic monuments, gardens and flamenco festivals. As Seville is the capital and largest city of the autonomous community of Andalusia, it is easy to get lost here, however thanks to the tour the euroMind team organised for the trainees, this was no longer a potential threat.

euroMind staff showed the students the most attractive places where they could go and grab something to eat, drink, have fun and do sports or just to relax or hang out. Then they helped our trainees understand the city from a historical and artistic point of view, but also they talked about the events which were going on while they were in town, as well as gave them some shopping and eating tips.



SUMMARY OF THE PROJECT

euroMind 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. They gained much needed professional experience abroad 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 at their current work in their home country or increase their chances at the labor market and dazzle their future potential employers.

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

euroMind 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 Technicznych w Cieszynie in the future.

SEVILLA, 01-07-2016

Carlos Hoyo de la Torre

Director