



Erasmus+ Project Brochure

2022-2023

*Erasmus+ VET mobility project for students of the technological branch
from the Technological High School "Vasile Sav" from Roman, Romania*

ERASMUS+ Project 2022-1-RO01-KA122-VET-000071087

„Steps to the future with Erasmus+”

**The EU programme in the fields of education, training, youth and sport
for the period 2021-2027.**

Key Action 1 - mobility of learners and staff

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The goal of the project

Improving the quality of initial vocational training and inter-institutional cooperation of the high school by carrying out internships at European standards, within European companies, in order to increase the chances of students in career and insertion on the labor market.

Project objectives

1. **Increasing** the level of professional skills and practical skills for 30 students in the fields of electricity and electronics by participating in internships in Cyprus/Portugal.
2. **Improving** multilingual, digital, teamwork, entrepreneurial skills, a better understanding of European culture and values for 30 students through transnational mobilities.
3. **Increasing** the international cooperation capacity of the high school in the field of vocational training, through partnership with labor market institutions in Cyprus and Portugal, for 1 year.
4. **Increasing** the European dimension of high school and better promotion at local, regional and international level.

The implementation of the project



Between 01.10.2023-31.10.2023, for 13 months, the Technological High School "Vasile Sav" from Roman was the beneficiary of an Erasmus mobility project VET, entitled „Steps to the future with Erasmus+”. According to the project, two mobility activities of 15 students each from the 10th grade of high school, day course and vocational school, were carried out as follows: a flow of 15 students from the specialization of Electronics and Automation went to Paphos, Cyprus and a flow of 15 high school and vocational school students in the Electric field went to Barcelos, Portugal.

www.vasilesav.ro

<https://www.vasilesav.ro/proiecte.html>

<https://psverasmus.vasilesav.ro/>

<https://www.facebook.com/profile.php?id=100086894620036>

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Flux 1, Paphos, Cyprus



**On the shores of the
Mediterranean**

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Erasmus+

WHAT DID THE PROJECT OFFER TO STUDENT PARTICIPANTS?

- **A unique alternative of practical training at European standards in two companies: P. Kousios Electrical Ltd, Cyprus and Ferreirrolux- Comércio e Industria de Material Eléctrico, Lda, Portugal.**
- **The project participants benefited from the support of two external partners: Rivensco Consulting Ltd Cyprus, which offered 1st flow accommodation in a hotel located near the Mediterranean and Associacao Intercultural Amigos Da Mobilidade, Portugal, which accommodated stream 2 in the Friends Mobility Campus, a superb place where various activities can take place.**
- **All participants had the chance of a 75-hour Training Program, held in high school, before leaving for mobilities, which included: pedagogical training hours, cultural training hours, face-to-face English classes and on the OLS Platform; Then, in each mobility, students benefited from 10 hours of training in the language of the host country (Greek and Portuguese).**
- **The project was their chance to travel and work in a real, international, competitive environment; They got in touch with new working methods, they related to each other and made a homogeneous group, they worked very well in a team under the careful guidance of practice tutors; , were motivated to participate in dialogues in English and in the language of the host countries - Greek and Portuguese, respectively, returned with increased confidence in their own forces following the intermediate and final evaluations where they obtained maximum marks.**
- **It was their chance to get to know other European cultures, to find out how European peoples care for archaeological remains, how they protect the environment, how they search for clean energy resources; They visited cities that amazed them with their architecture, traditions, attitude.**

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Friends Mobility
Campus- stream 2,
Portugal



First day at Ferreirrolux,
Barcelos

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WHAT DOCUMENTS FORMED THE BASIS FOR WORKING WITH HOSTING ORGANISATIONS?

Their activity was carried out on the basis of Learning Agreements, concluded in a differentiated manner, for each flow

* Learning Agreement for those in stream 1 has been concluded for CDL "Applied Electronic Circuits", structured in three sections: "Special characteristics of the workplace", "Electronic circuits, characteristics" and "Design and realization of Electronic Circuits".

* Learning Agreement for CDL "Practical Applications in Electrical Equipment" signed between the high school and the host organization for stream 2 comprised the sections: "Special characteristics of the workplace", "Electrical measurements" and "Practical applications in the assembly of electrical circuits".

What are the results obtained?

At the end of the mobility periods, students received :

- Europass Mobility Certificates
- Certificate of Recognition for Acquired Experience and Competences for activities carried out-practical training (90 hours), Greek Language Course/Portuguese Language Course (10 hours) and Social & Cultural Programme .

All the 30 students made Practice Notebooks during the mobilities; these Notebooks constitute a rich didactic material and were given to the custody of the High School Library.

The results obtained by the students in the mobility assessments were equated in grades and entered in the class catalogs for the corresponding technical subjects; all students achieved maximum marks.

After participating in mobility, the students formed:

- new personal and professional development skills
- key skills for increasing the capacity for professional integration
- multicultural and linguistic, communication skills
- deepened their teamwork skills.



Practical training at Ferreirolux, Barcelos, stream 2



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Practical training at P.Kousios Ltd, Paphos

Stream 1



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**The lesson on solar panels , stream 1
Paphos, Cyprus**



Cultural visits in Braga and Guimaraes

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**Cultural visit in
Nicosia**



**Cultural visit to Afrodite's Birth
Place Petra tou Romiou**

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In short:

- All participants have accumulated a rich experience from all points of view: social, professional and cultural; they were delighted with all the activities, with the working methods used by the practical tutors and the teachers who supported the Greek and Portuguese classes, respectively, and communicated very well with the mentors, with the participants from other streams, Romanians and foreigners. The project had an impressive impact on them and on the image of the "Vasile Sav" Technological High School, the students expressing the desire to repeat the experience at any time.
- The project participants shared their mobility experiences with their high school colleagues in workshops organized during practical classes and participated in the Erasmus Caravan organized on the occasion of Erasmus Days 2023, during the week of October 9-14, 2023.

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🇷🇴 Documents received by student participants:

- Europass Mobility certificate, which certifies the skills acquired
- Certificate of participation in all mobility activities
- Linguistic certificate attesting the level of Greek language (stream 1) and Portuguese language (stream 2).

🇷🇴 The results obtained by the students at the evaluations made by the external partners where the students carried out the internships were equated in the country, were transformed into grades and entered into the catalog for the CDL discipline corresponding to the participants.

<https://youtu.be/1ZJuYQxwM7I>

https://youtu.be/4_-MCAjs2-U

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SHARING THE MOBILITY EXPERIENCE IN THE INSTITUTION – RESULTS



- 1 project website, address: <https://psverasmus.vasilesav.ro/>
- 1 facebook page dedicated to the project, with the address: <https://www.facebook.com/profile.php?id=100086894620036>
- European corner + GREEN corner, on the project website
- Roll-up project
- 30 Europass Mobility Certificates obtained by students, 35 Mobility Certificates (30 for students, 4 for accompanying teachers, 1 for monitor).
- 30 Certificates attesting to the training of student participants in high school
- 30 practice notebooks placed in the custody of the "Vasile Sav" Technological High School Library
- 1 project panel, in high school
- 1 Plan for integrating good practices from the "Steps towards the future with Erasmus+" project into the Management Plan of the high school
- 6 Operational Procedures for implementing projects and examples of good practices for CEAC
- 1 project brochure
- 1 project logo, 30 leaflets, 2 flyers, 9 posters, 6 ppts
- 11 photo galleries, 2 films presenting internships - stream 1, stream 2), 2 films presenting cultural activity (stream 1, stream 2), 4 films monitoring students' activity abroad (2 streams each).
- 2 Google Classroom courses, one for each stream-
<https://classroom.google.com/c/NTU4MDA4NDEyMjkz?cjc=dcpbqn3> for stream 1
and
<https://classroom.google.com/c/NTU4MDA4ODA2NzYx?cjc=tjifdpe> for stream 2.

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Creation and publication on the web page of the project materials and project results;

Objectives: popularizing the project, the Erasmus+ program

Means: laptop, video projector, interactive whiteboards, google classroom, other websites

Target group: students, colleagues, teaching staff, economic agencies, the local & county community, etc.

Evidence: project site <https://psverasmus.vasilesav.ro/>, on [youtube](#), on www.canva.com, on [google drive](#), and on the high school website <https://vasilesav.ro>

- Photo galleries, films, presentations from meetings with parents, from the selection contest, from mobility
- Meetings with parents-photo gallery
<https://www.canva.com/design/DAftfN0r930/watch>
- Photo gallery selection contest
<https://www.canva.com/design/DAFz-H6Uhm0/watch>
- Internship presentation film, stream 1 <https://youtu.be/1ZJuYQxwM7I>
- Internship presentation film, stream 2 <https://youtu.be/4-MCAjs2-U>
- Cyprus-21.04.2023- the ceremony of awarding the Certificates of recognition of participation in the Kissos Hotel conference hall project in Paphos
<https://youtu.be/-1nOkEESgZ4>
- Portugalia-03.06.2023-festivitatea de decernare a Certificatelor de recunoaștere a participării la mobilitate-Campus Mobility Friends din Barcelos
<https://youtu.be/TWJ8OgiL624>
- Films monitoring the activity of students in Stream 1, Cyprus:
https://youtu.be/bcRpj6nh_T0 and <https://youtu.be/0CcGbP8-h-4>
- Films monitoring the activity of students in stream 2, Portugal
<https://youtu.be/R47sgXq1x2Y>
- Video from the lesson on solar panels, stream 1, Cyprus
<https://youtu.be/5hKt8X6K8iU>
- Presentation of stream 1 cultural activity, Cyprus
<https://youtu.be/tdqjmdEd8pM>
- Presentation of stream 2 cultural activity, Portugal
<https://youtu.be/C8fpGKvAOYU>
- Photo galleries with images of nature and its beauty in the two countries visited

Cyprus: https://drive.google.com/drive/folders/1VIQcgn1ul-6WZm986YHJzrZQV19q60io?usp=drive_link

Portugal: https://drive.google.com/drive/folders/1ORq8w6L7xYfY2pg7-jQpzc8tJxu1csvB?usp=drive_link

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Presentation of the project in:

- 4 Teacher Councils
- 5 Boards of Administration
- 8 sessions with students from eligible classes
- 4 meetings with the selected students and their parents

RESULTS SHARED WITH OTHER SCHOOLS/ INSTITUTIONS/ EXTERNAL PERSONS HIGH SCHOOL



- Organization of the Erasmus Caravan during the week of Oct 9-14, 2023, on the occasion of Erasmus Days 2023 - visits to 4 secondary schools in Roman
- Presentation of the results in the meeting with economic agents, representatives of the City Hall and the City Council
 - Project presentation within the Pedagogical Circle no. 12 of mathematics teachers in the round table organized by CT Petru Poni Roman
- Dissemination of the project at CN "Roman Vodă" Roman, on 21.09.2023, on the occasion of the county meeting of mathematics teachers from Roman and the area.
- Dissemination of project results at the County Conference for teachers of technical subjects, on 26.09.2023.
- Presentation of the paper with the title Erasmus VET mobility project "Steps towards the future with Erasmus+" within the National Competition of Scientific Communications
for Professional and Technical Education "Entrepreneur for the future",
ed. 11th, Roman

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Teams made up of the students who participated in the mobilities visited four gymnasiums in Roman and shared their experiences with the 8th grade students during the Erasmus Caravan event.

<https://www.erasmusdays.eu/event/caravana-erasmus-2/>

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The following were published:

- 2 articles about the project in Ziarul de Roman, 21.06.2023, 23.10.2023

<https://www.ziarulderoman.ro/liceul-tehnologic-vasile-sav-roman-beneficiar-al-unui-proiect-erasmus-de-mobilitate-vet-pasi-spre-viitor-cu-erasmus/>

- 3 articles in Revista Apostolul de Neamț: in no. 255/Nov. 2022, no. 263/July-August 2023, no. 267/Dec. 2023, at the address

<https://www.slineamt.ro/apostolul/category/numarul-255/page/2/>

- 1 article in the AN's monthly informative bulletin, ANwes-online magazine, in October 2023

<https://new.express.adobe.com/webpage/8qHEeby4l7JXw>

- 1 description of the Erasmus Caravan event, in October 2023, on the Erasmus Days website

<https://www.erasmusdays.eu/event/caravana-erasmus-2/>

- 1 project presentation article on the independent.academia.edu/ website, at

https://www.academia.edu/?from_navbar=true&trigger=nav



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**General impressions of the participants
students from the two streams**



1. All the participants declared unanimously, at the end of the mobilities, that they know what is expected of them to do after the mobility period.
2. They were delighted with the content of the training activities, with the teaching-learning methods used by the receiving organizations.
3. The host organizations responded to the initial training needs of the participants to the greatest extent
4. The internship will be useful in their career; the training activities stipulated in the Elearning Agreement have been carried out.
5. Participants improved their language skills and English language skills by using the OLS Platform.
6. Participants improved their practical skills according to their profile.
7. All have developed problem-solving, planning and independent work skills, creativity;
8. The tutors from the host organizations were highly appreciated by the students because they gave them concrete examples of how to develop an idea and put it into practice.
9. They were satisfied with the meal and accommodation conditions.
10. They became a cohesive collective, they appreciated the relationship with their colleagues.
11. They were very pleased with the performance of the practice tutors and the support provided by the accompanying teachers.
12. They were particularly excited about the cultural visits, everything they saw in the host countries and actively participated in the Greek and Portuguese language classes

What were the most interesting experiences?

"It was a very interesting experience; I would like more such experiences"
(Alexandru P., Stream 1)

"What I learned is useful for my future" (Cezar M., flow 2)

"I appreciated teamwork the most; everything becomes easier when we are united" (Robert H., Vlad C., and many others)

"I learned to cooperate with people of another nationality" (Alexandru G., stream 2)

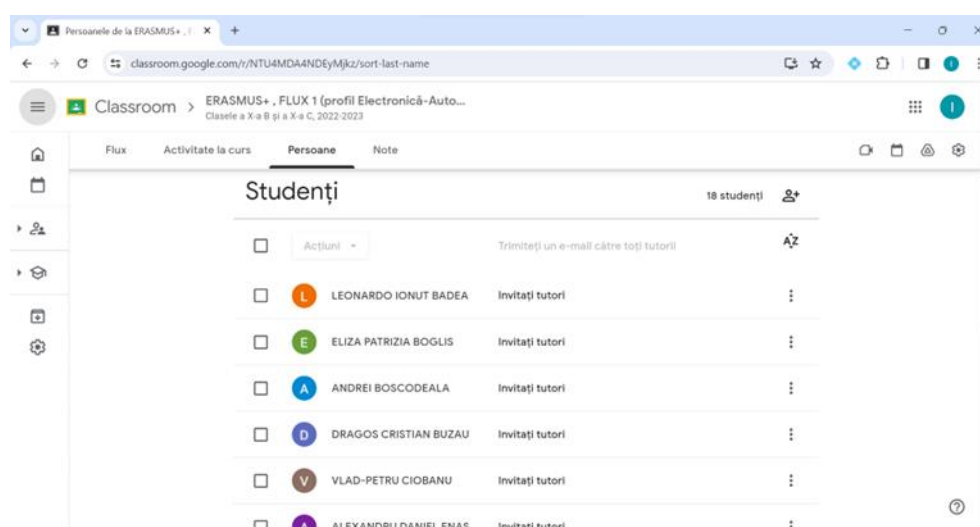
"Everything I learned is important for the Electric profile" (Gabriel T., stream 2)

"Participation in the project opens up new horizons" (Marian B., stream 2)

"I enriched my knowledge" (Georgiana G., stream 1)

"I learned that in life you must never give up" (Maria S., stream 1)

"The cultural program was very interesting, the visits to the host countries they impressed the students and they returned home with wonderful memories" - unanimous appreciation.



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Impressions from the internships: what did they like the most?

- 1) "I liked that I learned to assemble electrical panels" (Șerban G., stream 2)
- 2) "I learned many new things, for example to use a hydraulic device" (Darius A., stream 2)
- 3) "We used measuring devices and drills" (Dragoș P., stream 2)
- 4) "I learned to install an electric water regulator" (Marian B., stream 2)
- 5) "We learned to assemble fuses and thermal relays" (Radu C., stream 2)
- 6) "I learned to install an electric meter" (Alexandru H., stream 2)
- 7) „It was fascinating what was inside a video projector” (Alina. G, stream 1)
- 8) „I enriched my knowledge” (Georgiana G., stream 1)
- 9) „I learned what are components of an air conditioner called” (Maria Ș., stream 1)
- 10) „I learned how to repair a fan” (Andrei I., stream 1)
- 11) „I went to the Office and we were shown videos of how a microwave works”
(Alexandru P., stream 1)
- 12) „That in life you should never give up” (Maria Ș., stream 1)
- 13) „I learned how a Megatron works and how microwaves work” (Vlad C., stream 1)
- 14) „I am very interested in solar panels” (Andrei I., stream 1)
- 15) „Solar panels are an important source of energy” (Georgiana G., stream 1)

GREEN CORNER

Green activities

- Movement of the participants: the transfer to and from Roman and the airports in the country and the transfer to and from the airports in Cyprus and Portugal respectively were carried out by buses, coaches, flix-bus.
- The students in stream 1 benefited from presentations and explanations from the practice tutor, related to this subject; the students were excited to learn about solar panels, that pollution can be reduced by using them, and had the opportunity to study such a panel.

<https://youtu.be/5hKt8X6K8iU>

- The students in stream 2 were informed and saw live at the company where they practiced how to sort and collect waste, they saw how it can be recycled, they were able to see how clean and orderly the work flow is in company.
- In mobility, the students used the means of transport provided by the partners, but they also walked a lot, to visit the places full of history in the two countries; in Paphos I encountered archaeological remains everywhere, visiting them could be done without the need for cars all the time. In both countries I discovered the beauties of nature by taking long walks that would not have had the same charm if I had used cars.
- During the project implementation stages, excessive use of paper and other consumables was avoided; completing questionnaires on sheets was replaced with the use of Google Forms; online spaces like Google Classroom were created for both streams, there the students received all the necessary information, found the course materials for the training modules, uploaded assignments and were monitored in mobility by filling in the diaries online (daily and weekend), of feedback questionnaires (initial, intermediate, final).

Training sources:

- Green Strategy of ANPCDEFP 2021-2027
- GreenComp European Competence Framework for Sustainability

Green trip with the coach of partners from Mobility Friends on the Madrid-Barcelos route



The project team of the "Vasile Sav" Technological High School, from Roman, Romania

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