



Co-funded by the
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“STRATEGIC ALLIANCES FOR QUALITY DUAL VET AND INTERNATIONAL MOBILITIES”

#doALLVET

PEER-LEARNING ACTIVITY C3

*Dual VET in Poland and fostering strategic alliances for
international mobilities*

On-line, April 2021

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1. Objectives

According to the working plan, the purpose of activity C3 was to >>

- *Understanding the dual VET model of Poland.*
- *Discussion on key topics selected in the project aligned with the EU Recommendation on a European Framework for Quality and Effective Apprenticeships*
- *Discussion on how to formalise strategic alliance between VET providers from the project's partners (what tools and processes do we need for preparation, implementation, recognition and evaluation).*
- *Follow-up on teachers/staff mobilities among partners for the school year 2020-2021.*

Thus, the expected results of this activity were >>

- Summary of conclusions and key ideas on the regions of Poland in relation with the key topics selected in the project.
- Summary of conclusions and key ideas to formalising strategic alliances.
- Summary of conclusions and key ideas to follow-up on teachers/staff mobilities among partners for the school year 2020-2021

Considering that the project has had to readapt due to the health crisis caused by COVID-19, activity C3 was organised after activity C4 and focused on >>

- Facilitating the connection between centres from the countries/regions of the project's partners.
- Experiencing a virtual tour to ZSTK and discussing virtual learning tools among partners.
- Understanding the VET system in Poland.
- Discussing the cooperation between VET centres, university and the business sector based on the experience of ZSTK in the city of Lublin.
- Sharing the experience on international projects developed by ZSTK.
- Following-up on the Road Map for establishing strategic alliances for international mobilities

To achieve this, this activity was organised through 3 on-line meetings:

- DAY 1: 19th April 2021, focused on "Virtual visit to ZSTK and the city of Lublin".
- DAY 2: 26th April 2021, focused on "VET in Poland and cooperation with other relevant actors: University and the business sector".
- DAY 3: 27th April 2021, focused on "Sharing experiences on international projects and follow-up between partners".

2. Virtual visit to ZSTK and the city of Lublin (19/04/2021)

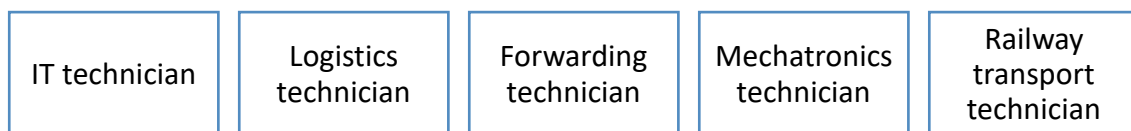
Virtual visit to ZSTK

ZSTK is a VET provider located in the city of Lublin. It has around 650 students and 70 teachers. In this first session Anna Wawruch-Lis, principal of the centre, and Katarzyna Łubiarz, teacher at ZSTK, guided the partners through a virtual tour of ZSTK. They showed the main facilities of the Centre, beginning in the gymnasium and sport facilities, and went through the IT classrooms, the library, and the specialised classrooms where railway transport and engineer technician students take their classes and do workshops.

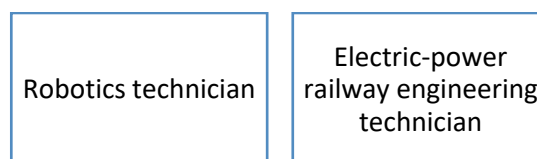
They also presented the courses they teach and other activities in which students are engaged. They did this with a presentation created using the tool “Genially” and also using videos created by students to show their respective fields of study and to share how life at the centre is experienced by them.



These are the vocations or courses that they teach:



To which they added two more recently:



They also offer artistic, social work activities and other activities for students after their lessons, like an orchestra, social work with orphan children, or different sports activities.

Some key facts on the Logistics Technician course:

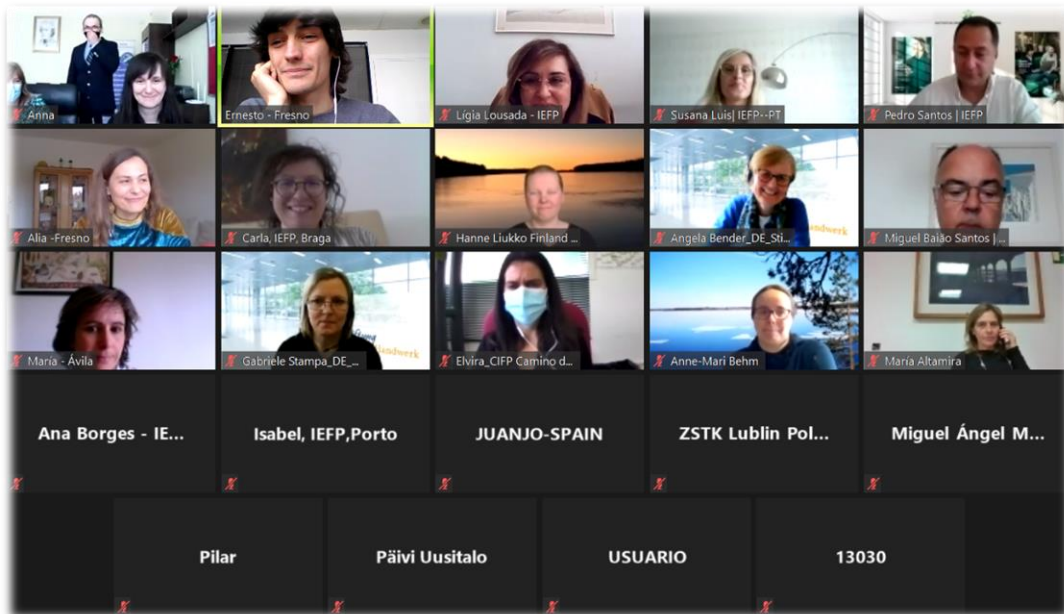
- They offer apprenticeships
- Erasmus+ grants
- Participation in professional qualifying courses
- It includes English classes
- Web developing classes
- Entrepreneur classes
- Safe transport courses
- Fork-Lift truck courses
- Paid internships

Some key features on the Mechatronics course:

- Fastest growing field of study
- Participate in foreign internships: In countries like Norway, Germany, Denmark or England.

Other interesting facts:

- Other courses also participate in international mobilities, especially IT students, Logistics and Mechatronic students. They have not been able to do mobilities in railway studies yet.
- They also have students from other countries at their school, especially from Ukraine.
- ZSTK also participates in international projects.
- The selection of students takes place on the basis of both the grades acquired by students at the end of their primary education and the results of the final exam which is taken at the end of the primary school.
- Their students are mostly between 15 to 19 years old. They do not have adult students.



Digital Learning tools

ZSTK differentiates three forms of online education at their centre: eLearning, remote Learning and Distance learning. The main eLearning and remote learning methods are:

1. Computer-Assisted Instruction (CAI)
2. Computer Managed Learning (CML)
3. Asynchronous Online Learning
4. Synchronous Online Learning
5. Adaptive E-learning
6. Linear E-learning
7. Fixed E-learning
8. Collaborative Online Learning
9. Interactive Online Learning
10. Individual Online Learning

The platforms used at ZSTK are:

Vulcan-electronic school register:

- the documentation of classes
- lessons subjects
- class attendance
- school grades and marks
- exam grades
- behaviour grades
- behaviour assessments, comments
- limited e-learning features
- but really satisfying messaging system, adequate for official informations

Microsoft Teams

- groups at Teams are extension of our school register
- these groups are generally based on our school classes
- our school timetable were transferred to the application
- each teacher manages her/his own groups designed for every subjects
- the teacher plans and conducts online meetings
the teacher creates exercises, quizzes, homeworks and other activities
- the headmaster and the deputy headmaster supervise all groups

Moodle

- classic e-Learning platform with long tradition and good reputation
- special tools for group collaboration
- unfortunately it does not support multimedia functions
- possibility to create exercises, homeworks, exams, quizzes
- several of our vocational teachers have been using this app for many years
<https://moodle.zstk.lublin.eu>

Key experiences and issues found:

Formal matters

- The fundamental matter for our school was the question of personal data processing.
- Lublin City Hall entered an agreement to entrust personal data to Microsoft.

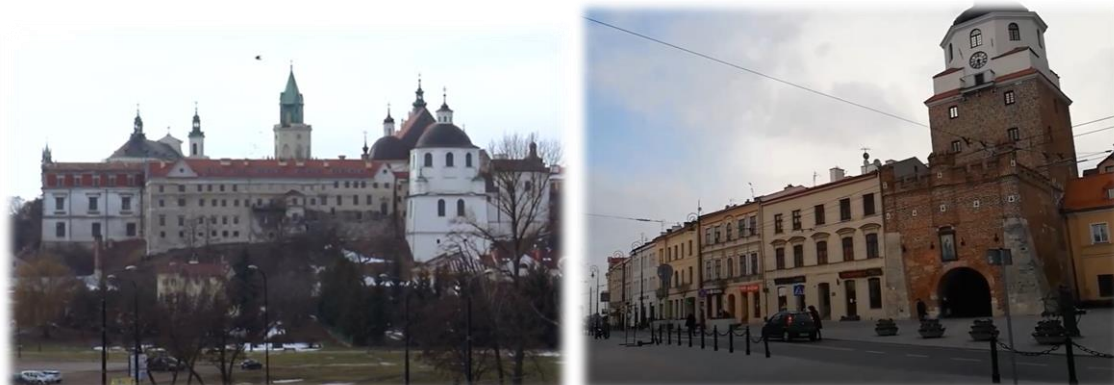
Method issues

- Online education has always been considered as something what bring additional value to traditional direct learning process. However, today we are forced to use e-Learning as the main method of education.
- The main disadvantage of online education is the lack of material direct contact with the technical equipment and machines. Our students should gain practice with real equipment.
- Sometimes is extremely difficult to virtualize many activities and practices.

Other questions:

- Social and mental troubles: These issues can affect students as well as teachers. An isolation and a lack real connection between people can cause many difficulties.
- Technical parameters of computers that meet the requirements of the e-learning platform.
- Technical problems with transmission or with terminal equipment.

To see the full presentation on Digital tools used by ZSTK click [here](#).



3. International projects of the municipality of Lublin, VET in Poland and cooperation with other relevant actors: University (26/04/2021)

During this session, Monika Rozembajger, representative of the Lublin Region, and Iwona Nowakowska, representative of the city of Lublin, introduced partners and VET centres to their Region.

VET in Lublin

The City of Lublin is the leading authority for:

- 11 vocational school complexes
- 1 vocational and continuing education centre
- 1 lifelong learning centre

Schools that operate as part of the above-mentioned:

- 15 technical schools
- 7 1st level trade schools
- 1 2nd level trade school
- 1 vocational college
- vocational education centre
- over 8,000 students are being educated

Vocational education is also conducted in 3 special educational centres.

Public and special vocational schools run by the City of Lublin have an extensive and diverse educational offer. 21 out of 32 industries distinguished by the latest classification of occupations in industry education are taught there.

Vocational education in the development strategy of Lublin

Aim: Improving the quality of education

Action: Modernization of vocational education in line with the challenges of the modern labor market

Aim: Development of the industrial sector

Action: Promotion of the economic potential in Lublin as well as the Lublin Metropolitan Area and building synergies to strengthen the potential of the production sector in Lublin.



They have some key projects regarding VET, such as:

- **Schools for industry - industry for schools:** Signing a letter of intent with the Automotive and Machine Upland Cluster on cooperation for better adaptation of education in industries related to the needs of the local labor market through:
- **Engineers for Lublin:** A cyclical event co-organized by the City of Lublin, employers and universities, dedicated to students of the last grades of primary schools and technical schools.
- **“Lublin IT Upland”** an annual event aimed at integrating science and business environments, supporting and promoting the local ICT sector, accelerating the Lublin IT ecosystem
- **The Entrepreneurship Marathon**

[Gospodarczy Lublin](#) is a website with basic information about the city and priority industries as well as key economic data.

European Projects related to VET

In the last ten years, the city has been involved in 20 projects for a total value of 13,3 million euros. Through those projects, they have supported over 9.500 students, 318 teachers, and have promoted internships and apprenticeships.

The main directions of activities carried out under projects aimed at vocational schools:

- equipping the workshops of vocational subjects
- training teachers of vocational subjects
- organizing additional apprenticeships and student internships
- organization of specialist classes and support for students in obtaining additional qualifications that increase their chances on the labour market
- organization of classes contributing to the development of key competences and universal skills sought after on the labour market
- organization of vocational counselling classes aimed at developing Individual Action Plans of students
- increasing students' access to modern techniques and technologies in cooperation with universities

- creation of an IT tool. A platform for cooperation between the student school-employer-governing body
- and many others

Cooperation between VET centres and the University

The ZSTK centre is connected to the University of Technology in Lublin, with whom they cooperate in different projects.

Lublin University of Technology

www.pollub.pl



Faculties:

1. Mechanical Engineering
2. Electrical Engineering and Computer Science
3. Civil Engineering and Architecture
4. Environmental Engineering
5. Fundamentals of Technology
6. Management

Scientific staff

Professors and associate professors	- 110
Doctors (Eng. Ph.D.)	- 280
Assistants (Eng. MSc.)	- 120

Other employees

- 522

Anna Rudawska, professor of Logistics at this University, made a brief presentation of these cooperation activities.

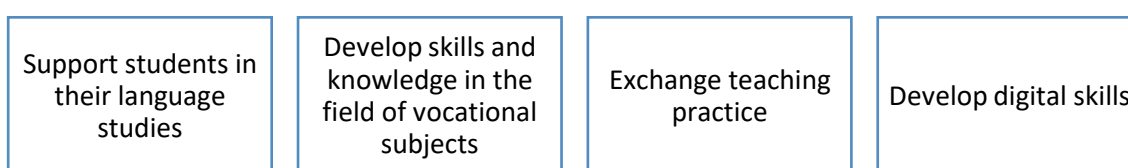
- Preparation of joint teaching projects.
- Participation of universities in teaching projects prepared by schools.
- Visit of students to various laboratories at the university.
- University patronage over competitions organised at the schools.
- Meetings at school with university representatives.

4. ZSTK experience on international projects and the local business environment of Lublin (27/04/2021)

International projects

Health and Safety at Work: an international issue

It is a Project that started in September 2019 and will last until February 2022. The coordinator of the project is the Lycee Rene Cassin from Metz, France. The main objectives of the project are:



The project includes visits among partners. Now, due to the health crisis caused by COVID-19, they are performing virtual visits and are using the digital tool eTwinning to cooperate. Students participate in the visits and collaborate with the preparation of presentations.

Professional apprenticeships in Leipzig

Trough the Project “Traineeship for a good start”, XSTK organised a series of international mobilities consisting in apprenticeships and internships for Polish students all over Europe. This project lasted two years: from 2016 to 2017. The objectives were:

- ▶ To improve VET skills.
- ▶ Develop language competences, especially those related to the field of study.
- ▶ Learn modern methods of organising learning and work to apply them in Poland.

After the traineeship they got a certificate of participation in this international mobility.

The project reached students of Logistics, IT and Mechatronics. It also involved VET teachers from ZSTK. It was especially designed for students from less developed areas from Eastern Poland.

It was funded with the Regional Development Funds.

Mobility Scoreboard for IVET: an interesting tool for mobilities



The [Mobility Scoreboard for IVET](#) is a tool for assisting policy-making in the broad area of international learning mobility in initial VET. It is provided by the **European Centre for the Development of Vocational Training (Cedefop)**.

It is intended for:

- ▶ policy makers (both at national and EU levels);
- ▶ “mobility users”, i.e. IVET learners’ organisations and mobility organisers (VET institutions, mobility agencies, companies involved in mobility, guidance institutions, staff involved in organising mobility activities);
- ▶ experts, researchers, and the wide public

The scoreboard gives detailed country information on the conditions for initial VET learner mobility in Europe. **It addresses 10 key action areas:**

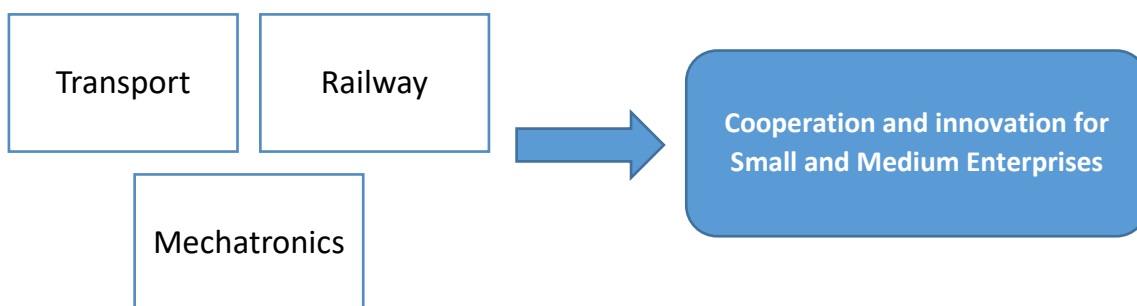
information and guidance on opportunities	motivating learners for mobility	preparing learners for mobility	removing obstacles to mobility	portability of grants and loans
ensuring mobility quality	recognition of learning outcomes	support to disadvantaged learners	partnerships and funding	involving multipliers

It is a data compiling and visualisation tool, which **offers seven monitoring tools:**

Country fiches	•providing detailed descriptions of countries’ mobility policies, structures and mechanisms;
Scorecards	•synthesising the individual performance of respective countries in implementing the Youth on the move recommendation;
Progress graphs	•allowing for following up a country’s progress over time;
Benchmarking graphs	•allowing for comparing progress in two countries;
Maps	•showing country categories with respect to aspects of mobility policies;
Indicators	•showing country categories with respect to performance in implementing the Youth on the move recommendation in each mobility area;
Overview Tables	•showing country categories in terms of overall implementation performance, all indicators combined

The local business environment of Lublin

In this session representatives from the local business sector presented their experiences, focusing on their relation to VET providers and students. They all have been collaborating for several years with ZSTK in different programs. Among the sectors represented were transport, railway and mechatronics, and it had a **special focus on cooperation and innovation for SMEs**.



The speakers and companies represented were:

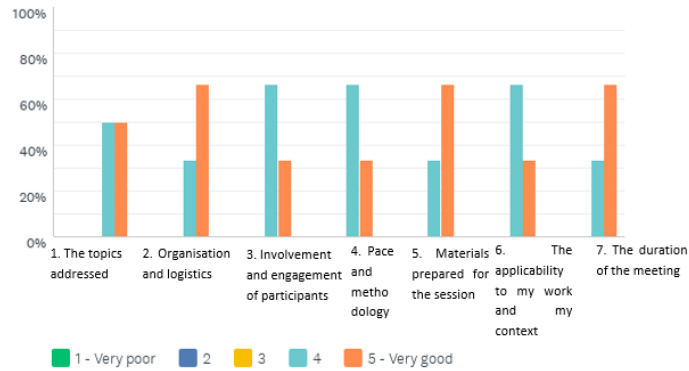
- ▶ **Aleksandra Adamska-Ziętek**, Railway Company Manager
- ▶ **Agnieszka Hałasa**, Director of the Department of Marketing and Communication
- ▶ **Beata Czuk**, Director of HR and Payroll Department
- ▶ **Piotr Rakowski**, Managing Director of POL-INOWEX
- ▶ **Robert Bronicz**, Vice President, ABM Greiffenberger Poland
- ▶ **Paweł Sawicki**, Manager for Constant Development Department, ABM Greiffenberger Poland

Some of the issues that arose in the presentations and discussion with the VET centres and partners were:

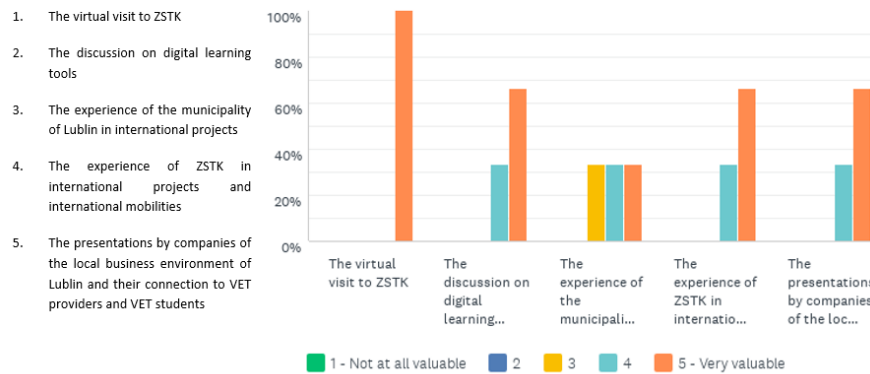
- At the railway area, there is a generational gap in which VET centres and VET studies have a fundamental role, especially in relation to green transition and electric power.
- In POL-INOWEX, an industrial relocation company, students from ZSTK can enjoy summer apprenticeships and international internships, including English lessons and attending company's events abroad.
- The ABM Greiffenberger plant in Lublin devotes itself mostly to assembling gearbox, motors, controllers, and other devices. They have application in renewable energies, such as windmills motor and controlling, and in machinery for production. Since 2013 they make internships and apprenticeships, and they organise visits for pupils and students.
- A good practice identified is the reorganisation of the packing area working process of the company by students doing an internship in collaboration with company personnel. They worked along with the students to innovate in the working process.

5. Evaluation of the activity

P1 According to your opinion on the meeting, please rate from 1 (very poor) to 5 (very good) the following aspects:

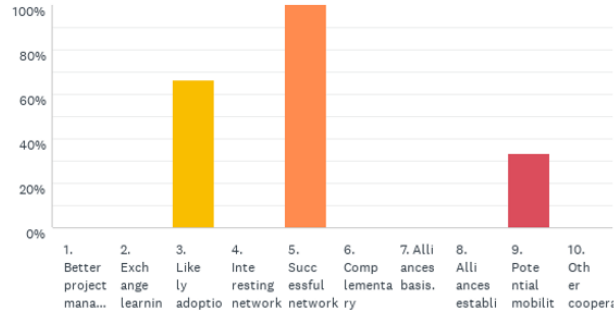


P2 According to your opinion on the meeting, please rate from 1 (not at all valuable) to 5 (very valuable), the added value of the different sessions:



P3 According to your opinion on the meeting, please choose two sentences from the 10 below that summarise your experience in this activity:

1. Better project management.
2. Exchange learning.
3. Likely adoption of good practices.
4. Interesting network.
5. Successful networking.
6. Complementary sectors.
7. Alliances basis.
8. Alliances establishment.
9. Potential mobilities.
10. Other cooperation.





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