

# 3LoE Project

## "Ecologic Solutions in Logistics" technician training

*How green energy has transformed our school*

Prepared by Partner No 5

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Ecologistics, also known as **green logistics**, is an approach to logistics management that focuses on minimising the environmental impact of logistics activities. The main areas of focus of green logistics are:



Waste  
management



Sustainable  
packaging



Renewable  
energy



Energy  
efficiency



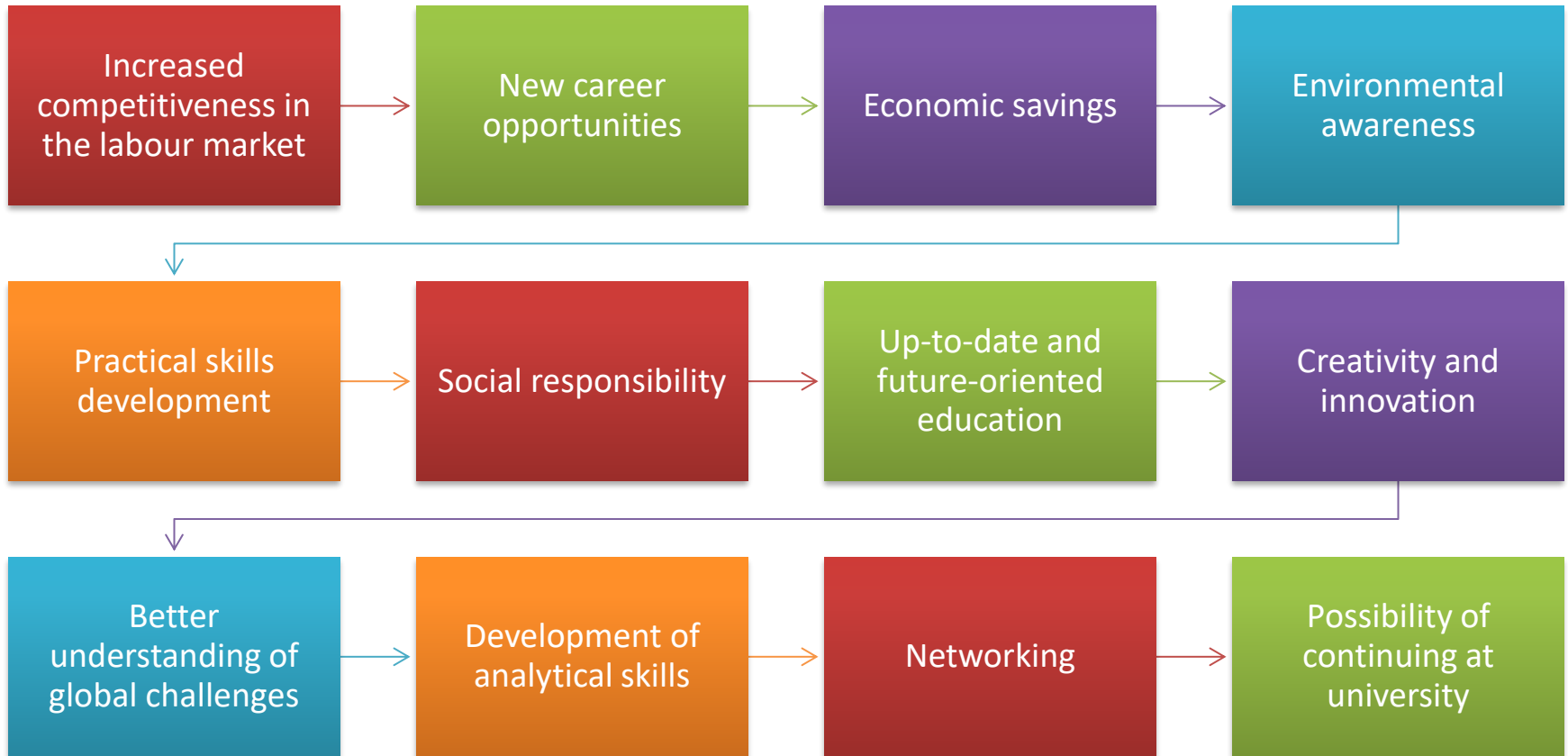
Transport  
optimisation

## WHY Ecologistics

After entering the 3Loe project, which is based on green and blue energy, we decided that we wanted to revolutionise our logistics technician curriculum and launch a new specialisation in ecological solutions in logistics, the only one of its kind in Poland. By giving this specialisation a dual mode, we increased the number of practical hours.



## Benefits for students



## Teaching methods



Lectures and  
Presentations



Case Studies



Workshops and  
Seminars



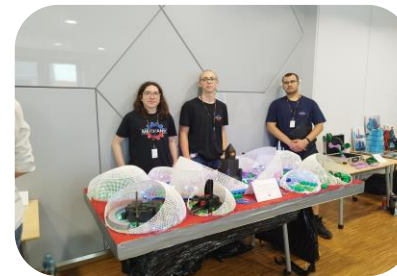
Group Discussions  
and Debates



Field Visits



Research Projects



Problem-Based  
Learning (PBL)



Guest Lectures

# Ecological fashion show



## Promotion of eco-logistics during open days



## Company visits and practical training



our students undertook practical training at a landfill company, a municipal utility and a water supply company



## Problem Based Learning



Our students solve existing problems and participate in the optimisation process

## Cleaning and waste separation campaigns

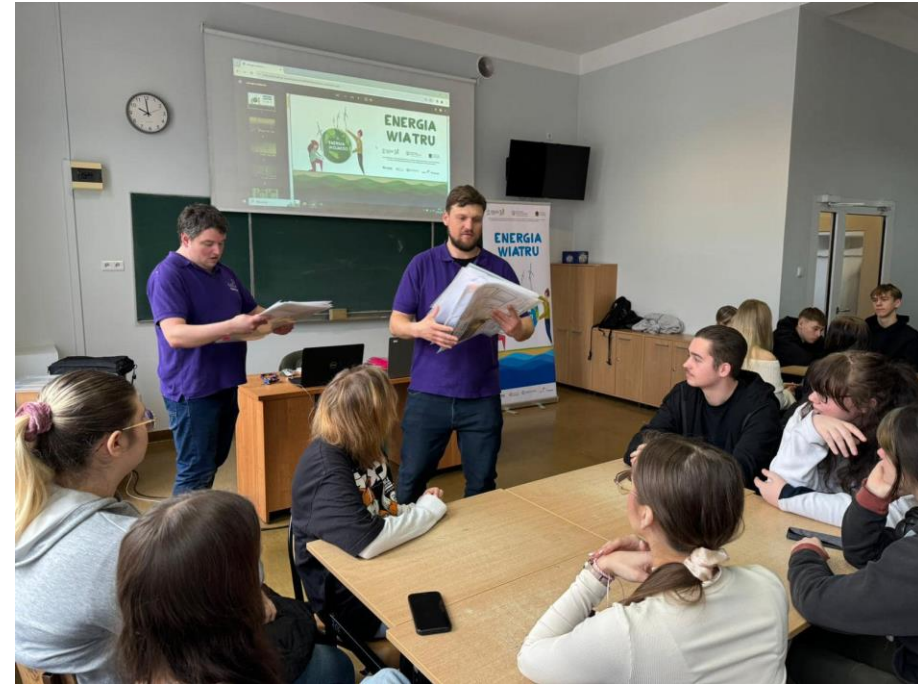


## Inter-school debate on nuclear energy



The topic of the debate: Building a nuclear power plant in Poland, do we need it?

## Workshops on offshore wind energy



Offshore wind energy workshop carried out as part of the 'Wind Energy - Energy of Freedom' project.

## Clean Słupia river



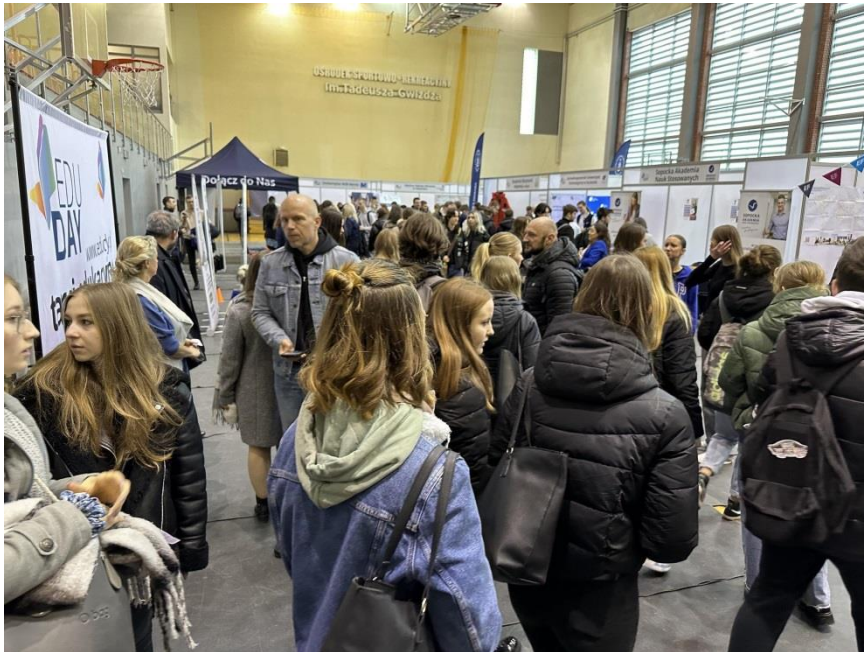
The project was about solving the problem of the large number of cigarette butts that are thrown into the River Słupia near the boulevards. The next step of the project will be the creation of an information campaign for the inhabitants of the city of Słupsk on the problem of cigarette butts in the Słupia River.

## Job Fairs



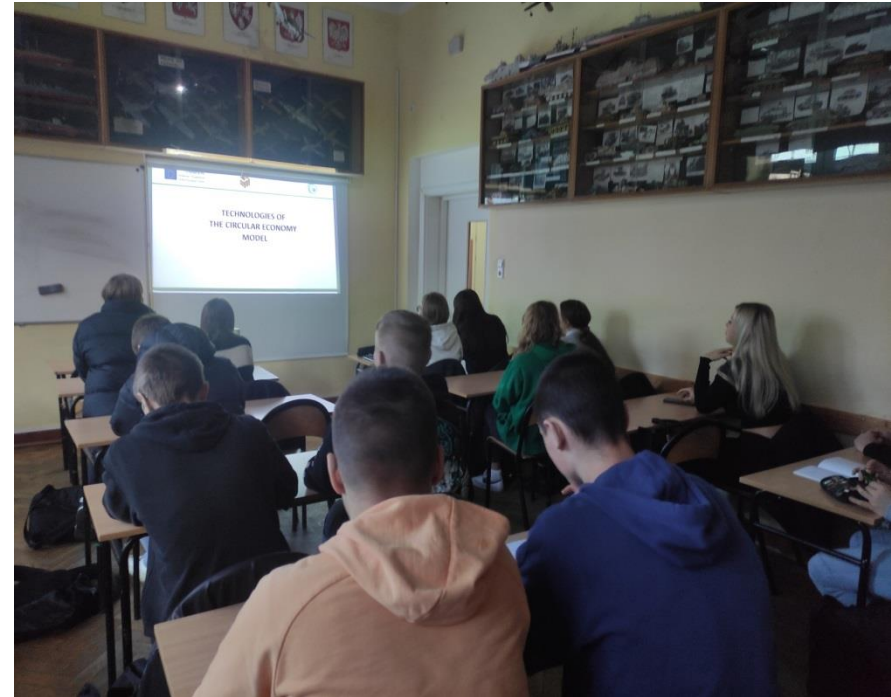
Students from school, Alumni and all other interested parties from outside the school had the opportunity to come into direct contact with companies operating in the collegiate labour market and to find out about current job offers.

## Univeristy Fairs (Edu Day)



The Edu Day fair is a place of mutual communication between universities and schoolchildren. This year, 30 universities came to visit us.

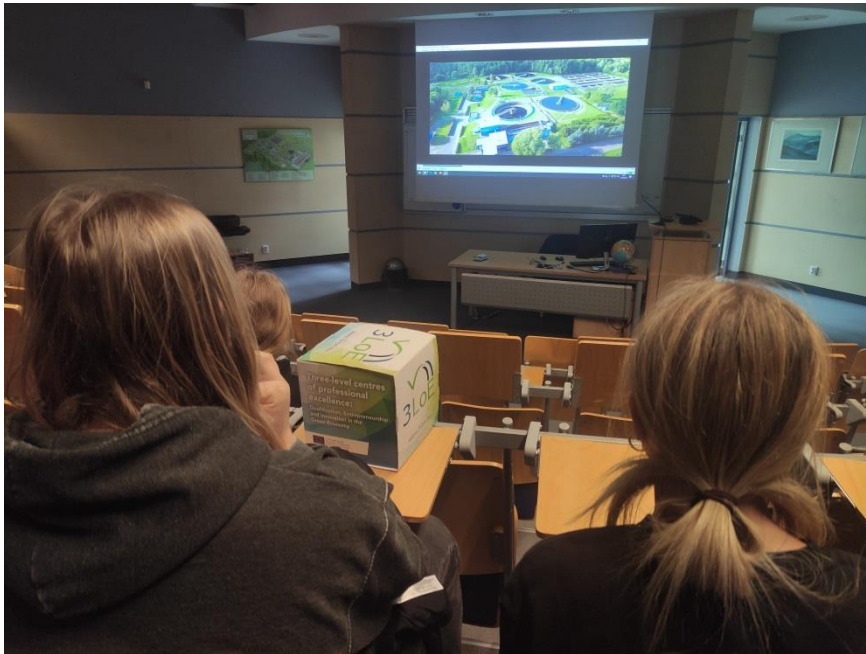
## Additional courses



We have implemented elements from other courses into the curriculum. These included the circular economy, water conservation, use of renewable energy sources and waste management.



## Lectures organised by entrepreneurs



We participated in lessons organised by entrepreneurs from the environmental sector

## Pedagogical courses for employers



We organise courses for employers so that they can provide training with their students.  
Training courses end with certificates of competence.

## Trips to trade fairs related to ecology



we organise trips to expo fairs to learn about the labour market and the latest techniques related to green technology

## Water and energy saving days



Our students organise thematic days on water and energy conservation to pass on their knowledge to students from other trades

## Social Projects



we have been involved in a lot of social projects - e.g. through the 'chalk of shame' where our students marked cigarette butts with chalk to bring attention to this problem

## Numbers

Year	Number of students
2024/2025	45 students
2023/2024	31 students
2022/2023	44 students
2021/2022 (pilot)	32 students

The pilot training cycle started in the 2021/2022 school year. As a result of the success of the pilot and the positive reception from students, teachers and the logistics industry, it was decided to make the programme a permanent part of the school's educational offer. The specialisation of green solutions in logistics has become an integral part of the logistics technician profession, enabling students to acquire modern skills adapted to current market requirements.



Three-level centers of professional excellence:  
Qualification, entrepreneurship and innovation in the Green Economy (3LoE)



# We want to keep graduates in Słupsk

secondary school



5 years of learning  
ecological solutions in logistics

university



Uniwersytet  
**Pomorski**  
w Słupsku

studies in green supply chains  
(exemption from some subjects that  
were included in technical secondary  
school)

chamber



Izba Rzemieśnicza  
Małej i Średniej Przedsiębiorczości  
w Szczecinie



searching for employers and training  
courses in chambers



Co-funded by the  
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Qualification, entrepreneurship and innovation in the Green Economy (3LoE)



Thank you for your attention

Barbara Zakrzewska



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