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 Eger



Erasmus+
Pla.net

- # fenntartható életmód
- # automata megoldások
- # okoskertek
- # ifjúsági csereprogram



Az Európai Unió
támogatásával



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The completed project was supported by the
European Union through the Erasmus+
programme.



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Pla.net

In 2025, the Érted Association and its partners implemented the **Pla.net** Erasmus+ youth exchange programme, which focused on learning about and demonstrating sustainable, environmentally conscious and partially automated living environments, especially smart gardens. The aim of the project was to help young people recognise the potential of their own living environments and acquire knowledge that would help them use energy and resources consciously.



During the exchange programme, participants learned about the basics of bioenergy utilisation, composting and solar energy, as well as the functioning of rainwater harvesting and automated irrigation systems. Environmentally friendly solutions, the use of biodegradable materials, chemical-free plant protection and modern smart garden technologies were given special emphasis. The learning process was supported by non-formal methods, small group activities, interactive lectures, roundtable discussions and practical tasks.



Young people from four countries participated in the project: Érted Egyesület from Hungary, Iuventus Ventus from Serbia, Junior Business Club Association from Romania, and Momentum Doctorandus from Ukraine represented the partnership. The international cooperation gave participants the opportunity to learn about each other's environmental challenges, best practices and cultural characteristics while working together on a vision for a more sustainable future.

The programme took place in Felsőtárkány and Eger, where the young people took part in good practice visits, community gardens, university presentations and professional sites. By the end of the exchange, the participants returned home not only with new knowledge, but also with more advanced cooperation, communication and problem-solving skills. The project was supported by the European Union under the Erasmus+ programme.

About the Erasmus+ programme

Erasmus+ is the European Union's programme for education, training, youth and sport, for which institutions can submit applications, and individual participation can take place through them. A budget of more than €26 billion has been approved for the 2021-2027 programme period.



One of the main objectives of the Erasmus+ programme in the field of education is to establish a **European Education Area** by 2025. By increasing accessibility and offering more flexible forms of mobility, the programme will be open to a wider and more diverse group of people than ever before, continuing to support **the development of innovative methods** and **promoting both green and digital solutions**. New project opportunities await applicants and participants in this phase of the programme.

Youth exchange programmes

Young people participating in youth exchange programmes have the opportunity to live together with young people from other countries for a short period of time and work on joint projects with them. This is an excellent opportunity to make friends with their peers from other countries. Youth exchange programmes are not organised in schools. Young people can take part in workshops, practical activities, debates, role-playing games, outdoor activities and other activities.

- Participants can use the Youthpass for recognition of learning
- Youth exchange programmes last **between 5 and 21 days**. This does not include travel time.
- Youth exchange programmes are open to young people **aged 13 to 30**.



Participating organisations

Érted Association

We planned the idea of founding the association during our college/university years, so all of our members are active or former university students. In 2019, we registered our association under the name Érted Egyesület (For You Association). Our association underwent a change in leadership in 2020, and since then, our civil and volunteer activities have increased significantly: we now maintain active contact with the Tinódi Sebestyén Branch School of the Balassi Bálint Primary School in Eger. In addition, we are in constant contact with other active civil organisations, which we support with the help of volunteers and our members.



Our association participates in and launches numerous civil initiatives in Eger, focusing on the areas of economics, environmental awareness and culture.

Our volunteers include several current and former students of Eszterházy Károly Catholic University. The goals of the Érted Association include the development of the municipality, the countryside and the region, the flow of information and exchange of experiences related to the local and regional aspects of EU integration processes, the development of the economy, culture, human resources, environmental protection, agriculture and tourism, the implementation of innovative projects, and the promotion of regional cooperation.

Iuventus Ventus

The Iuventus Ventus Association is a non-partisan social organisation whose main objectives are to collect and systematise information relevant to young people and to disseminate knowledge through training and education; to help young people find their way in life more easily; to promote the expansion of young people's knowledge; to organise youth events;



promoting the importance of the role of the family and a family-friendly approach; promoting the integration of young people into the European Union; mitigating conflicts between different age groups and generations; establishing dialogue and strengthening cohesion; helping disadvantaged groups in society, promoting equal opportunities, social activities; organising youth camps and community-building programmes; establishing and maintaining relationships with Hungarian and non-Hungarian organisations abroad youth organisations; health preservation, healthy lifestyle

emphasising the importance of environmental awareness, environmental protection and nature conservation; organising study and educational trips to help young people develop their professional skills; reducing the distance between the state organisation and citizens, familiarising society with the functioning of the state and the European Union; promoting the development of the wider and narrower living environment and settlements.

Junior Business Club

The Junior Business Club (JBC) was re-established in December 2009, reviving a previously successful concept.

Initially, it was established mainly on the initiative of university students studying economics, but its aim was also to involve students from other fields. The association started with a small number of members, but has since grown significantly. The main mission of the JBC is to bring economic culture to young people and young entrepreneurs, especially those who are interested in the business world. In addition, it aims to support the development of young entrepreneurs, establish and maintain professional guidelines, and continuously improve professional standards.



Our further objectives include involving young intellectuals with initiative, providing career and life counselling, and supporting young people's initiatives that contribute to a healthy economic life. Establishing and maintaining international relations, organising exchange programmes. Supporting disadvantaged young people and providing them with economic advice so that they can successfully apply their acquired knowledge at home or abroad. Compensating for the lack of practical training in the Romanian education system and providing real-life experience. Involving resources, seeking new members and supporting partners, and laying the foundations for a successful future in order to achieve these goals as soon as possible.

Momentum Doctorandus

The history, activities and goals of the Momentum Doctorandus Social Organisation (MD) are closely linked to Hungarian scientific and academic life in Transcarpathia. MD was founded in March 2011 with the primary goal of

registering doctoral students, bringing them together and supporting their integration into scientific life. The organisation pays particular attention to supporting talented young Hungarians in Transcarpathia, so its programmes target a wide range of people, from secondary school students to PhD students.

The organisation's activities include promoting science, coordinating various projects and research, and providing training opportunities that are difficult to access in Transcarpathia. For example, as part of the "Experimental presentation of modern natural sciences to secondary school students" project

, the aim was to provide comprehensive knowledge of modern scientific trends and methods by setting up a demonstration laboratory in Beregszász, on the premises of the II. Rákóczi Ferenc Hungarian College of Transcarpathia.



Pla.net Erasmus+ youth exchange programme

During the 10-day Pla.net exchange programme, the participating young people gradually learned about conscious energy use, the possibilities of creating sustainable gardens and living environments, and the smart and automated solutions associated with these. The aim of the programme was to make young people realise that their immediate environment – their gardens,



courtyards and balconies – offer numerous untapped opportunities that can be used in an environmentally friendly yet efficient way with the right knowledge and planning. The learning process, building on the basics and using non-formal methods, helped participants acquire understandable and applicable knowledge.

During the exchange programme, young people learned about the practical applications of bioenergy utilisation, composting and solar energy, as well as the functioning of rainwater harvesting and automated irrigation systems. Chemical-free plant protection, the use of biodegradable materials, and smart gardening technologies that save time, energy, and resources played a prominent role. Joint tasks, roundtable discussions and practical examples gave young people the opportunity not only to understand what they had learned, but also to apply it to their own lives.

The social benefit of the Pla.net project lies in the fact that participants acquired attitudes and skills that can have a long-term impact on their living environment and communities. The exchange programme strengthened young people's environmental responsibility



problem-solving and cooperation skills, and encouraged them to take an active role in promoting a more sustainable lifestyle. Participants can pass on the knowledge they have acquired to their own communities, thus extending the impact of the project beyond the duration of the exchange programme and contributing to a more conscious, liveable and environmentally friendly future.

Our programme

Day 1 – Arrival, getting to know each other

The participants arrived at the exchange programme venue, checked into their accommodation and took part in icebreaker and team-building games. During the "Common House" exercise, they jointly formulated their expectations and the rules and the objectives, laying the foundation for cooperation for the rest of the week



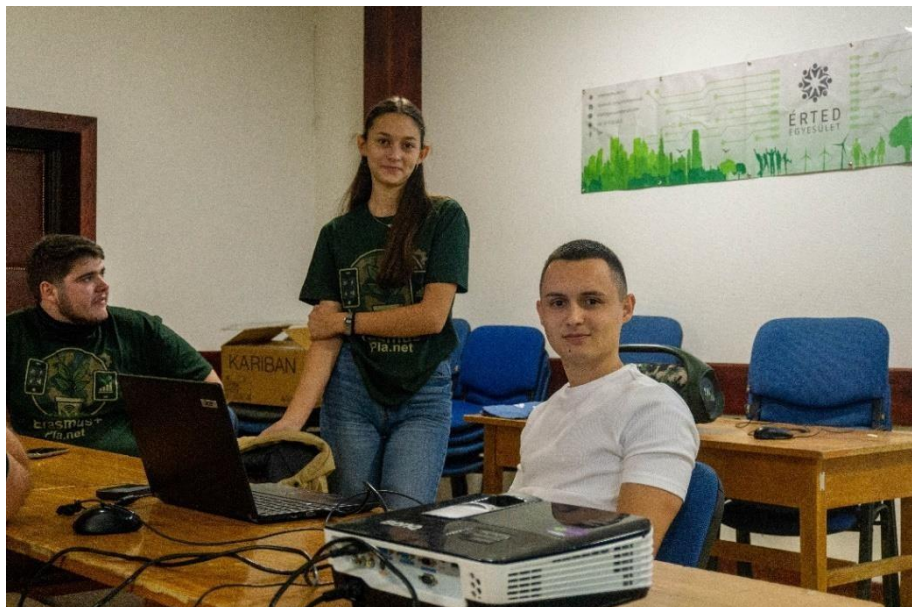
Day 2 – Presentation of Erasmus+ and the partnership

On the second day, the young people continued their joint work with an introduction to the EU institutional system and the Erasmus+ programme. During the presentation of the Youthpass certificate, they reviewed how they would be able to document their learning outcomes. In the afternoon

An EU quiz game helped to deepen understanding of the new programme.



information, and then the participating associations introduced themselves, giving everyone a comprehensive picture of the partnership and each other's local activities. The day ended with a cultural evening organised by the Hungarian team, where participants were given a taste of Hungarian traditions.



3. Day – Basics of conscious energy use

young people delved into the topic of sustainable energy use. They learned about composting, the solar energy utilisation and rainwater harvesting. Roundtable discussions, self-reflection and keeping a learning diary helped them to process the information.



4. Day – External programme and good practices

Participants spent the whole day in Eger, where they first learned about the history and cultural heritage of the city. Afterwards, they saw practical examples of how conscious and effective management of green spaces works in the community garden, and then solved city knowledge tasks in teams, which strengthened group cohesion.



5. Day – Design thinking and automation

The participants used SWOT analysis to examine the possibilities for sustainable living environments. They learned about automated irrigation, ventilation and monitoring systems in interactive sessions, then discussed what they had learned in group discussions.



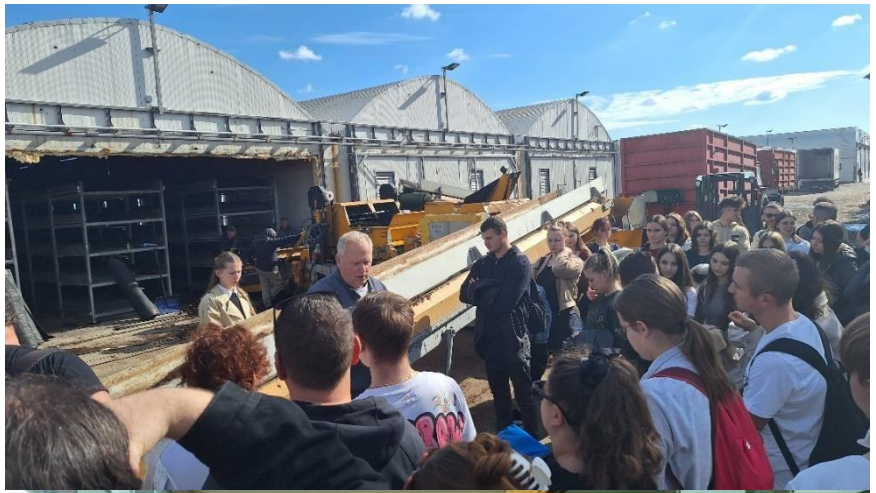
6. Day – Plant care and complex tasks

The day focused on nutrient replenishment, the role of macroelements and the prevention of plant diseases. Through group tasks, the young people created environmental concepts at the country and city level, which they evaluated together.



7. Day – Automation and smart garden topics

On the seventh day, participants used an app to discovered that can facilitate garden maintenance and optimise resource use. During the afternoon roundtable discussion, they shared their thoughts on the practical benefits and challenges of smart garden systems and future development directions. The programme also included a joint tour, which was not only a form of relaxation but also provided an opportunity to observe the natural environment. At the end of the day, self-reflective journaling and blog posts were prepared to help the young people organise their learning experiences of the day.



8. Day – Second external day

On the eighth day, the team travelled to Eger again, where we took part in an interactive lecture and computer quiz on sustainability topics at Eszterházy Károly Catholic University. During a visit to the botanical garden, participants were able to see up close the diversity of plant species and the possibilities for creating plant cultivation environments. In the afternoon, we visited a modern greenhouse in Maklár, where we gained insight into the operation of the country's largest mushroom farm.



Finally, we were at the KoronaWine House for

cellar tour and lunch. Upon returning to their accommodation, the young people prepared for the evening country quiz, which concluded the day with playful cultural and knowledge elements.



9. Day – Smart garden design and creative workshops

On the ninth day, participants worked on designing their own smart garden concepts, using various calculators and worksheets. During the morning, they divided into groups to review maintenance and



design costs and discussed how modern automated systems can be used in environmentally friendly ways. They then compared traditional and automated gardening solutions and tried to find the optimal, sustainable balance. During the workshop, practical ideas were also generated that could be implemented in their own communities upon their return home, so the day was spent in a highly practical and creative atmosphere.

10. Day 10 – Closing, evaluation and distribution of Youthpasses

On the tenth day, the joint work began with an energiser, followed by the "Pla.net?! Debate Network" session, where participants from each country exchanged their views on issues related to a sustainable future.

This was followed by a roundtable discussion on the role of the individual in environmental protection, where the young people also talked about their own responsibilities and possible future steps. In the afternoon, Youthpass certificates were handed out, interviews and promotional videos were made, and then joint blogging and a final evaluation helped to conclude the project's learning process.



At the end of the day, participants filled out a questionnaire and then said goodbye to each other around the traditional campfire.



We would like to thank everyone who contributed in any way to making our project a reality and a shared experience: the young people for their enthusiastic participation, our partners for their contribution, and the European Union for its support!

Are you interested in the world of Erasmus+ and would you like to take part in a youth exchange? Follow us on social media and get in touch!

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Source of images in our publication:

<https://erasmusplusz.hu/>;
<https://www.rythmfoundation.org/10-more-ways-to-live-a-sustainable-lifestyle-on-world-environment-day/>;

<https://www.ertedegyesulet.hu/>; Own photos



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