Project contract number: 2023-1-TR01-KA220-SCH-000150173

GREEN AGRIPRENEURS OF FUTURE





2023 - 2025





GREEN AGRIPRENEURS

OF FUTURE



01

IntroductionTurning Waste into Growth to Project Management:

Students Learn Natural Fertiliser Production through STEM activity "Obtaining Natural Fertiliser with Compost System"

02

STEM activities-"

-Creating a road map for the protection of fruit trees from diseases and healthy development"

03

Learning to Grow:

Urban Gardening at "Sveti Joakim Krčovski"

04

Young Agripreneurs at Work:

School Ideathon on Sustainable Agriculture

05

School: Primary School "Joakim Krchovski" – Kriva Palanka, North Macedonia



ABOUT THE PROJECT

Erasmus Project Field: Erasmus+ School Education Partnership (K220 - SCH)

☐ **Priority of Erasmus Program:** Tackling climate and environmental issues; Digital transformation ☐ **Priority of School Education:** Development of key competences; strengthening STEM and STEAM approaches



Project title: GREEN AGRIPRENEURS OF FUTURE

Project contract number: 2023-1-TR01-KA220-SCH-000150173

Duration: December 2023 - December 2025

Project Partners:

🛘 Bursa İl Milli Eğitim Müdürlüğü – Bursa Provincial Directorate of National Education
(Project Coordinator) (Türkiye)
☐ Bursa Uludag University Faculty of Agriculture (Türkiye)

- ☐ The research Group of InterAction and e-Learning of the University of Salamanca (Spain)
- ☐ European Centre of Entrepreneurship Competence and Excellence (Austria),
- ☐ Climate and Environment Association Europe (Belgium)
- ☐ Nilüfer Kara Mehmet Ortaokulu (Türkiye)
- ☐ Międzynarodowa Szkoła Podstawowa Edukacji Innowacyjnej w Łodzi (Poland)
- ☐ Oou Sveti Joakım Krchovskı Kriva Palanka (North Macedonia)





Associated Partners: Bursa Uludağ University Faculty of Education, Bursa Eskişehir Bilecik Development Agency (BEBKA)

Aim of the project: Our aim is to provide teachers and students with knowledge, skills and understanding about sustainable agriculture and green entrepreneurship required for the new generation workforce, through learning contents and digital learning tools, and to create opportunities for direct participation or green entrepreneurial actions in solving local/national challenges within the scope of this subject

Objectives of the project:

• To provide knowledge, skills and understanding about green (sustainable) agriculture to teachers and students who live far from the soil in urban centres and who do not receive vocational agricultural training in line with a curriculum,

□ To develop the skills that students can transform creative ideas into green entrepreneurial actions,
☐ To create an open educational resource (OER) that will include all digital content and
materials prepared by field experts and students, thus contributing to digital
transformation by involving educators and students in the process of non-formal and online learning,
☐ To contribute to increasing students' interest in science by enabling them to establish a relationship with STEM (science, technology, engineering and mathematics) disciplines, including data collection and analysis, problem solving and critical thinking while seeking solutions to real life problems,
☐ To enable students to become responsible citizens who are actively engaged in their communities and the world through social and green innovation competitions (idea and
project competitions, etc.) in the field of sustainable agriculture within the scope of combating climate change,
(idea and project competitions, etc.) in the field of sustainable agriculture within the scope of combating climate change,





☐ To enable partner organisations to increase their institutional capacities within the scope of combating climate change by acting nationally, internationally and intersectorally with intensive cooperation, to improve their risk management skills with the experience they have gained in the process, to expand their communication networks in the context of Erasmus + projects by being aware of the institutions working in the field in Europe and their work.

Target group of the project: Primary and secondary school students in the 9-14 age group, primary and secondary school teachers

Start and End date of the Project: 31st December 2023 - 30th December 2025







Turning Waste into Growth: Students Learn Natural Fertiliser Production through STEM activity "Obtaining Natural Fertiliser with Compost System"

As part of the Erasmus+ project Green Agripreneurs of Future, OOU "Sveti Joakim Krčovski" organised a hands-on STEM workshop titled Obtaining Natural Fertiliser with Compost System, engaging around 120 students of different ages.

The activity introduced learners to the science and technology behind composting, showing how organic waste can be transformed into nutrient-rich natural fertiliser. Through interactive demonstrations, students explored the decomposition process, the role of microorganisms, and the environmental benefits of composting in sustainable agriculture.



Working in small groups, participants built simple compost systems, tested different organic materials, and monitored factors such as moisture, temperature, and aeration. The practical approach allowed them to connect classroom knowledge in biology, chemistry, and environmental science with real-world applications.

"Our aim was to inspire students to see waste as a resource," said [Gabriela Stojanovska, Project Coordinator]. "By understanding composting, they are not only learning about sustainability but also about innovative solutions that protect the environment and support green farming."











This STEM activity reflected the core mission of the Green Agripreneurs of Future project: empowering young people with the skills and mindset to create sustainable solutions for tomorrow's agricultural challenges. The enthusiasm shown during the workshop proved that the seeds of eco-innovation are already being planted.











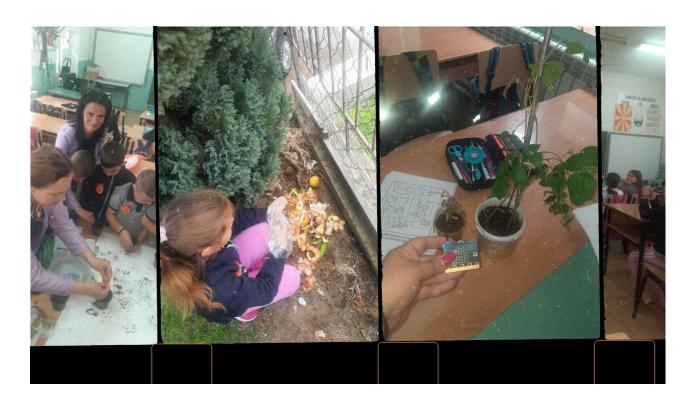


Turning Waste into Growth: Students Learn Natural Fertiliser Production through STEM activity "Obtaining Natural Fertiliser with Compost System"













Turning Waste into Growth:

Students Learn Natural Fertiliser Production through STEM activity "Obtaining Natural Fertiliser with Compost System"













STEM activities-

"Creating a road map for the protection of fruit trees from diseases and healthy development"

As part of the Erasmus+ project "Green Entrepreneurship",

coordinator Gabriela Stojanovska, teacher Elena M. Davidovska guided around 20 students from the 6th grade and more than 80 students from the 2nd and 4th grades through inspiring eco-activities.

With the 6th grade group,

the focus was on problem-solving in nature. The students explored the question: How can we heal a sick plant or tree? Using ChatGPT as a digital assistant, they researched solutions, generated creative ideas, and even produced illustrative images. This activity helped them combine modern technology with environmental knowledge in a fun and practical way.

Meanwhile,

the younger students from the 2nd and 4th grades became enthusiastic eco-detectives. In the school garden, they carefully observed and identified different kinds of plants, learning how to recognize and appreciate the natural diversity around them. Their excitement and curiosity made the activity both educational and joyful.

These activities not only deepened students'

lunderstanding of nature but also encouraged creativity, teamwork, and responsibility toward the environment. The Erasmus+ project continues to support such innovative approaches, where learning is enriched by real-life experiences and ecological awareness.





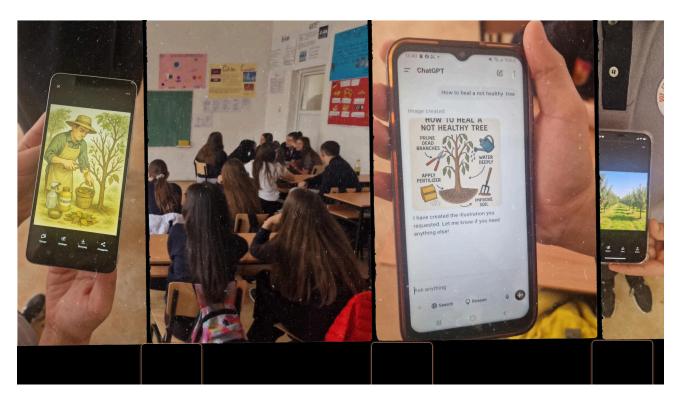






STEM activities-"Creating a road map for the protection of fruit trees from diseases and healthy development"





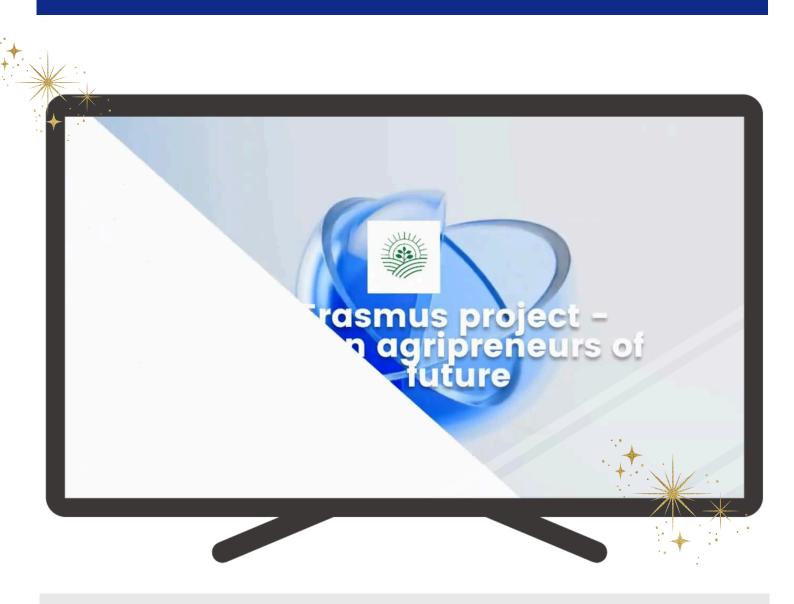






STEM activities-

"Creating a road map for the protection of fruit trees from diseases and healthy development"





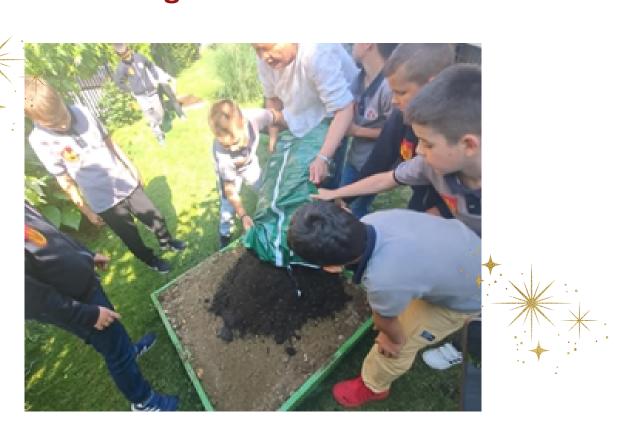








Learning to Grow: Urban Gardening at "Sveti Joakim Krčovski"



VThis spring, our school "Sveti Joakim Krčovski" proudly launched a new activity as part of the Erasmus+ project "Green Agripreneurs of Future". The activity was all about Urban Gardening – a creative and eco-friendly way to learn about plants and sustainability.

Our students and teachers had the chance to get their hands dirty while discovering how to plant and care for different kinds of greenery. But the lessons did not stop there! They also learned how to transform organic waste into fertile soil, proving that even everyday leftovers can become a valuable resource for nature.













The atmosphere

was lively and inspiring. Students enjoyed working together, sharing ideas, and seeing the results of their efforts grow day by day. For many of them, this was their first time experiencing gardening, and it quickly became more than just a school task – it turned into a fun and rewarding adventure.

One of the participants,

Vojdan (5 th grade), shared her excitement: "We learned that nature gives back what we give to it. It was so much fun to see our plants grow, and now I know how important it is to take care of the environment every day."

The urban garden will remain in our school as a living classroom, reminding us that small steps can make a big difference. With knowledge, creativity, and teamwork, we can all contribute to a greener and more sustainable future.











Learning to Grow: Urban Gardening at "Sveti Joakim Krčovski"



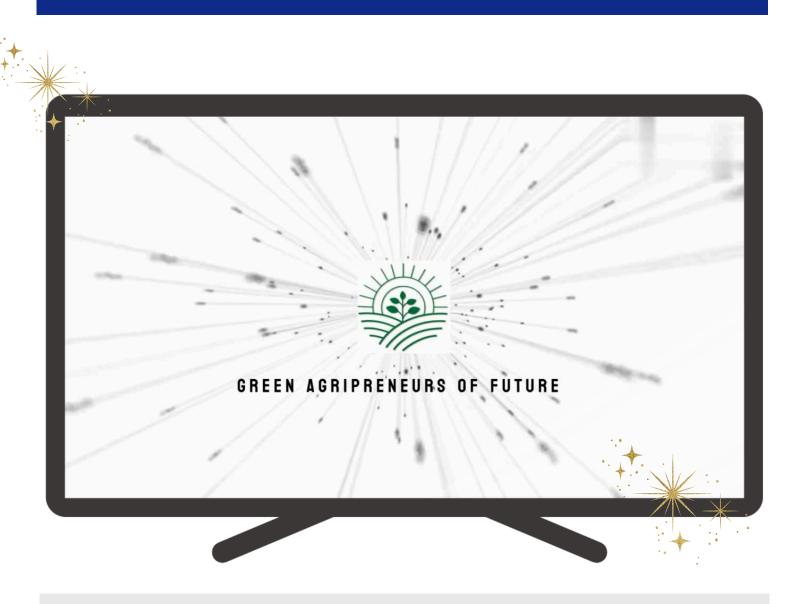






Learning to Grow:

Urban Gardening at "Sveti Joakim Krčovski"













Young Agripreneurs at Work:

School Ideathon on Sustainable Agriculture

On May 30, 2025, the European House in Kriva Palanka

became a place of creativity and innovation as students from grades 6 to 9 took part in a school Ideathon on "Sustainable Agriculture."

The event was organized within the Erasmus+ project "Green Agripreneurs of Future" (2023-1-TR01-KA220-SCH-000160173), which aims to inspire young people to develop innovative and eco-friendly solutions in agriculture.

During the Ideathon, the students worked in teams and explored important topics such as:

- rational use of water,
- drip irrigation systems,
- rainwater collection and utilization.
- **%** ecological farming methods.

With great enthusiasm, the teams prepared and presented their ideas through

- -models.
- -posters,
- PowerPoint presentations, and
- Kahoot quiz.













Their creativity and teamwork showed that

young people are ready to think critically and act responsibly when it comes to protecting the environment.

The results of the Ideathon proved that

our students are not only future farmers but also future agripreneurs – innovative, ambitious, and environmentally conscious leaders.

This inspiring event gave

the Erasmus project a practical dimension and highlighted an important message:

Sustainable agriculture begins with educated, creative, and aware young people – the future is in their hands!





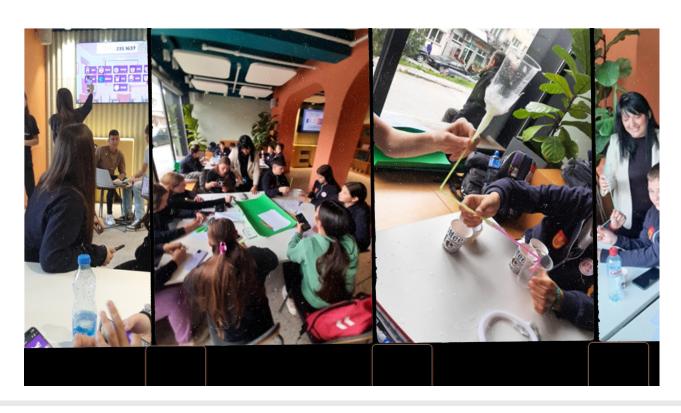






Young Agripreneurs at Work: School Ideathon on Sustainable Agriculture







Green Agriculture - Educating the Future Guardians of the Environment

School: Primary School "Joakim Krchovski" – Kriva Palanka, North Macedonia

As part of the Erasmus+ project "Green Agriculture",

our students at Joakim Krchovski Primary School actively explored the topics of energy efficiency, water conservation, and soil sustainability. Through creative and educational activities, they learned how small changes in everyday habits can make a big impact on the environment.

One of the highlights was a workshop

"Tailor-made compos production from organic wastes" dedicated to Energy Efficiency, where students designed and presented posters emphasizing smart energy use in households and schools. They learned how choosing energy-efficient devices, turning off unused electronics, and conserving water are all crucial steps toward a sustainable future.













Students also discussed

the importance of protecting soil resources, understanding how agriculture, pollution, and climate change affect soil quality. They reflected on eco-friendly practices that support healthy, productive land for future generations.

These activitie

were not only informative but also inspiring, helping students become more aware of their role as green ambassadors in their community. With strong teamwork, enthusiasm, and creativity, they contributed to the broader mission of the project – building a greener and more sustainable Europe.

We are proud of our students' dedication and teamwork in promoting environmental awareness!





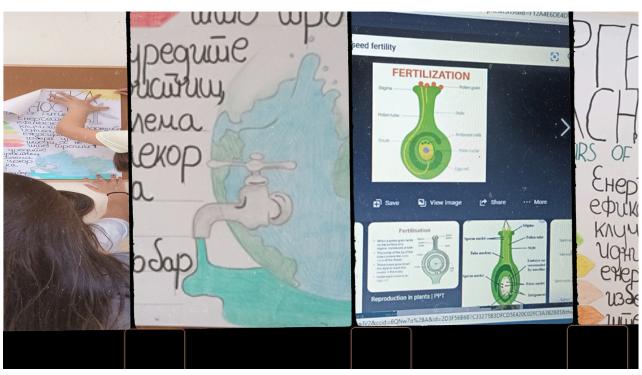






Young Agripreneurs at Work: School Ideathon on Sustainable Agriculture





Interview with a Local Farmer

By: Mila Ristovska-student

Agriculture has always been the backbone of rural life, but today it faces many challenges – from climate change to the need for sustainable practices. To learn more about what it means to be a modern farmer, we spoke with a local farmer who shared his motivation, struggles, and hopes for the future.

Mila: How did you start with farming, and what motivated you to pursue this profession?

Local farmer:My motivation was the love for nature, animals, and the production of traditional local products.

Mila: What challenges do you most often face in cultivating crops/livestock, especially in times of climate change?

Local farmer: I face a lack of rain and water, as well as long and dry summers.











Mila: Do you use sustainable practices in agriculture, such as drip irrigation, composting, or natural fertilizers?

Local farmer:Yes, I use all of the mentioned sustainable practices, which greatly help me improve the soil composition and make better use of the available water resources.

Mila: How do new technologies and mechanization affect your production? Do you use any smart devices or applications?

Local farmer: I use smart devices for the drip irrigation system, as well as in protecting the cultivated areas with organic means against pests and diseases. I also apply highly developed technological solutions in the process of preparing livestock feed.



Mila: What do you think – how can we encourage young people to become interested in agripreneurship and farming?

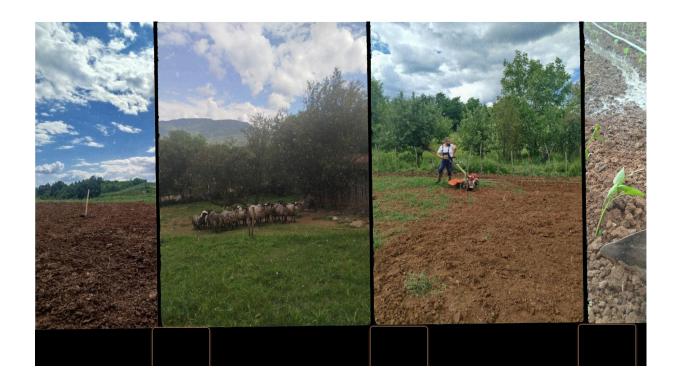
Local farmer: We can achieve this by improving the infrastructure in rural areas, which are ideal for agribusiness, and by enhancing the organization and distribution to consumers.

Mila: Do you have any idea or plan on how to develop your farm in the future?

Local farmer:Yes, I plan to increase marketing activities and offer high-quality products.

Mila: What is your message to the younger generations when it comes to the land, food, and caring for nature?

Local farmer: To live in symbiosis with nature, to be hardworking, and above all, to be dedicated to organic products, which are a guarantee for maintaining agribusiness.













This interview reminds us that farming is not only hard work but also a way of living in harmony with nature. The farmer's words show how tradition and innovation can go hand in hand for a sustainable future.







