

BIOECONOMY FOR CHILDREN OF LOWER SECONDARY EDUCATION



#1 NEWSLETTER OF THE RECIBIOS PROJECT

OCTOBER, 2024, VERSION 1



What is bioeconomy?

According to the United Nations Food and Agriculture Organisation (FAO), the bioeconomy is:

“the production, use and conservation of biological resources, including related knowledge, science, technology, and innovation to provide information, products, processes and services to all economic sectors with the aim of moving towards a sustainable economy”.



WHY BIOECONOMY FOR SECONDARY EDUCATION?

LET'S INTRODUCE YOU TO THE RECIBIOS PROJECT!

Imagine a classroom where fruit peels and other organic waste aren't just thrown away but transformed into valuable, eco-friendly materials. This is the vision of RECIBIOS, an ambitious Erasmus+ project designed to immerse lower secondary students in the transformative world of bioeconomy and the circular economy. By engaging students in creating biodegradable materials, RECIBIOS aims to demystify and illuminate these advanced concepts, inspiring students to pursue future professions where sustainability is key.

Understanding materials—how they are made, used, and disposed of—is a valuable skill in a world that's shifting unsustainable practices. RECIBIOS introduces students to an exciting paradigm shift: moving from the traditional cycle of make-use-waste to circular flows where materials are inherently sustainable and biodegradable. This project is not just about learning new concepts; it's about experiencing the sometimes messy yet beautiful reality of turning theoretical knowledge into practical, tangible results.

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MEET THE PARTNERS!



RHIZO OLV Vlaanderen Lyceum, Belgium: Our lead partner, RHIZO is a secondary school specializing in high-quality STEM education. They will leverage this expertise to co-create the RECIBIOS STEM-project with staff and students to ensure the content is both engaging and effective.



LAPPEION
1st Junior High School of Naoussa

Lappeio 1st Gymnasio of Naoussa, Greece: With a strong focus on environmental education, Lappeio will be pivotal in executing the innovative curriculum and hosting enriching exchange experiences.



EduQuest, Greece: Specializing in bridging the gap between rural educational needs and contemporary scientific approaches, EduQuest will enhance the project's reach and impact, especially in underserved areas.

WHAT WE WILL DO FOR OUR STUDENTS:

- 1. Interactive and challenge-based learning:** Students will tackle real-world challenges that encourage them to think critically and solve problems creatively using bio-based materials.
- 2. Hands-on experiences:** From experimenting with biodegradable recipes to engaging in student exchanges, we will proceed in pilot teaching bioeconomy inside the classroom of the participating schools and organize students exchanges between Greece and Belgium.
- 3. Awareness raising:** We will widely disseminate the concept of bioeconomy to our local communities, transfer our innovative curriculum to new schools and other interested parties and raise awareness about sustainability.

Students will gain unique insights and learn from different cultural and environmental contexts by participating in international exchanges, enhancing their understanding and appreciation of global sustainability challenges!



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