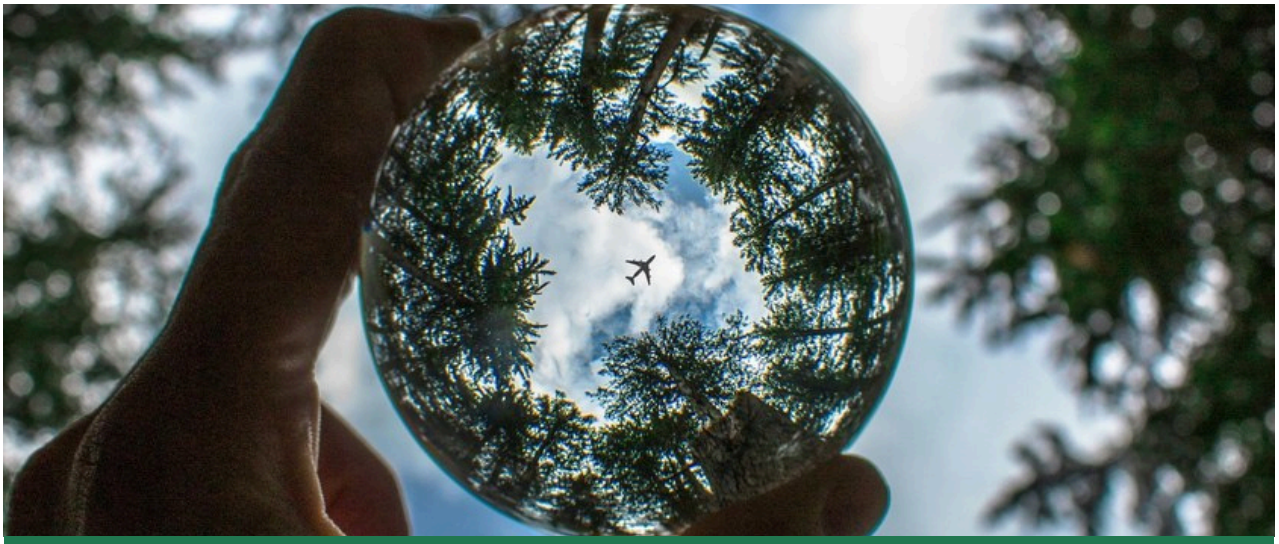
July 2026

NEWSLETTER #1



AI4BIOSTEM - AI IN STEM EDUCATION TO ADDRESS BIODIVERSITY CHALLENGES

In January 2026, together with 9 partner organisations from 4 countries (Germany, Greece, France and Ukraine), we started a three-year collaboration exploring how AI can be meaningfully integrated into STEM education to support biodiversity conservation. The project focuses on supporting teachers' professional development and encouraging girls' participation in science.

Half-year into the project, we are excited to send out our first newsletter! This is a short summary of what we've been up to so far.

AI4BioSTEM

The AI4BioSTEM Curriculum

A comprehensive handbook designed to empower educators to integrate the vital topic of biodiversity into school education and the classroom environment, through the lens of cutting-edge AI technology and STEM.

It contains numerous resources aimed at enriching teachers' knowledge of biodiversity and the key challenges linked to biodiversity loss. The handbook demonstrates ways that AI can be meaningful and critically used to tackle these issues.

To help teachers implement these topics in engaging and practical ways, the curriculum also highlights methods and pedagogies related to STEM within the broader STEAM approach, as well as Project-based learning.

The curriculum is available on our website.

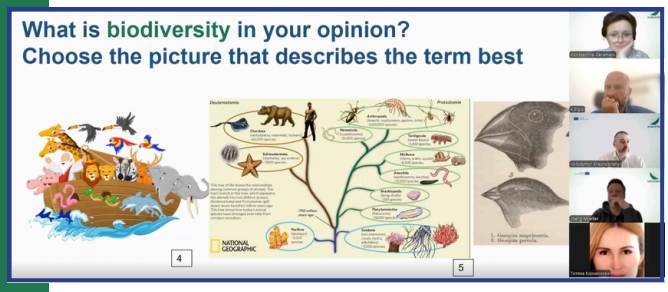
WEBINAR: TRANSFORMING STEM EDUCATION TO ADDRESS BIODIVERSITY CHALLENGES

Can AI help us raise awareness about the biodiversity crisis? This is the question we asked ourselves when preparing for our first webinar on May 20, 2026. The intersection of technology and nature is the new frontier of STEM education. During the webinar we introduced our curriculum and we shared strategies to address biodiversity issues using modern digital tools.

The webinar had 80 participants – teachers from all over Europe with different backgrounds.

The recording of the webinar is available on our website.







Missed our first webinar? Stay tuned for our next one!

Our next webinar is taking place in December 2026, and it will present in detail one of the AI projects developed by the consortium. We are developing four hands-on, AI-enhanced STEM projects designed for secondary education to address biodiversity challenges. These projects are being designed to support the curriculum, emphasise the STEAM approach, and encourage behavioural changes regarding sustainability and biodiversity conservation.

SUBSCRIBE TO OUR NEWSLETTER AND STAY TUNED FOR OUR NEXT WEBINAR

AI4BioSTEM

July 2026

Upcoming events and activities

• Teacher Training – October, 2026 – Nice

The teacher training in the AI4BioSTEM project is designed as a blended learning program, consisting of two rounds for secondary school STEM teachers. Its primary concept is to enhance continuous professional development by improving teachers' skills in delivering AI literacy within the context of environmental studies, biodiversity, and STEM education, while also strengthening their ability to integrate innovative, climate-related concepts into their classroom curriculum.

The first Teacher Training will take place in Nice, on October 7-8, and the participants will come from the project partner schools

• 2nd Webinar – December, 2026 – online

As part of our commitment to extending the impact of the AI4BioSTEM project beyond the immediate partnership, a series of three webinars are being organised. The first webinar hosted 80 participants and introduced the AI4BioSTEM Curriculum. The second webinar will introduce one of the hands-on AI projects developed to support the curriculum.



LINKS

- **AI4BioSTEM Curriculum**
- **Review on Biodiversity and Current Challenges, AI-technologies and Tools**
- **Recording of the first webinar**
- **Subscribe to newsletter**

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