

## EXPLORING BIOECONOMY IN THE CLASSROOM *from theory to sustainability*

Gen B workshop: **“Exploring bioeconomy in the classroom: from theory to sustainability”** is being carried out within the framework of the 40th Science Projects Workshop. This event is organized by Scientix and projects participating in the 2023 STEM Discovery Campaign (2023 SDC). The workshop will take place in the European Schoolnet Future Classroom Lab on 16th and 17th of June, and it is intended for international primary and secondary school teachers who have been selected as winners of various competitions as part of the 2023 STEM Discovery Campaign.

**Context:** Part of the 40th Science Projects Workshop in the Future Classroom Lab (#SPW40)

**Date:** 16-17 June 2023

**Location:** Future Classroom Lab, Brussels, Belgium



## activities and duration

The expected duration of the session is 1.5h, during which teachers will be engaged in a series of hands-on, brainstorming and collaborative activities using different bioeconomy related materials.

At the beginning of the session through a playful activity, participants will be introduced to the Gen B project and basic terms related to bioeconomy. The aim is to introduce participants to the topic and inspire them to reflect on different activities connected to bioeconomy they have already been implementing in their lessons.

Teachers will then take part in a collaborative co-creation activity aimed at developing definitions and introductory activities taking into account the age and abilities of their students.

Lastly, teachers will be introduced to different materials already available and will propose adaptations and plans to see how and if these materials can be implemented in the context of their classrooms. At the end of the workshop participants will present the activities they have developed and adapted, share their insights on the reviewed materials and reflect on the workshop itself.

## main takeaways

By the end of the workshop, teachers should be able to understand the basic terms of bioeconomy and how they correspond to and differ from what they have already included in their lessons. They will be able to independently search for, select and use the existing materials related to bioeconomy, based on the age and interest of their students, as well as curricular requirements. Moreover, they will be able to adapt existing activities, as well as develop new activities according to their students' needs, abilities and curricular requirements.

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