

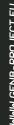
Transition2Bio Toolkit for Teachers

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Toolkit 2 Bioeconomy Kit for Teachers

Are you ready to teach your students about the economy of the future? With so many educational materials about the bioeconomy scattered across the internet, it can be difficult to know where to start. With this kit, we gathered in one place the most essential resources, which can help you teach and raise awareness about the bioeconomy from primary to university level.



Link to access the toolkit: https://www.transition2bio.eu/to olkits/

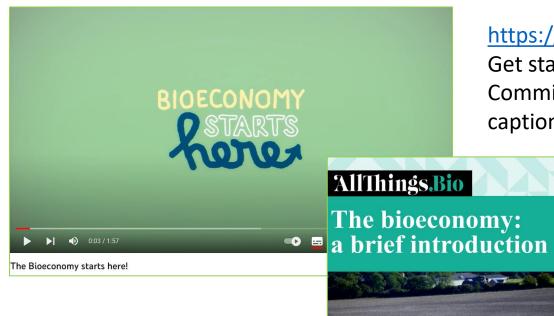


Table of content kit for teachers

- 1. What is a sustainable bioeconomy?
- 2. Where can I find primary school level resources on the bioeconomy?
- 3. Where can I find more secondary school level resources on the bioeconomy?
- 4. What upcoming EU projects dealing with bioeconomy education should I look out for?



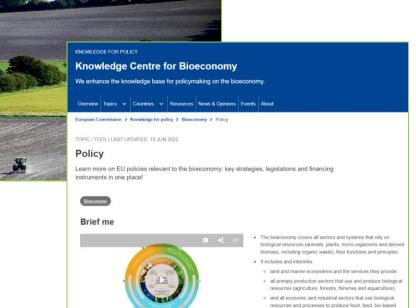
What is a sustainable bioeconomy?



https://www.youtube.com/watch?v=2xvXkOMRTs4

Get started with this video from the European Commission "The bioeconomy starts here!" with captions in all EU languages!

https://www.allthings.bio/wpcontent/uploads/2021/04/Bioeconomy EN 2104.pdf Learn about the basics of the bioeconomy through this engaging overview.



https://knowledge4policy.ec.europa.eu/bioeconomy/topic/policy_en
Let's get familiar with the definition of the bioeconomy according to the European Commission.



Where can I find primary school level resources on the bioeconomy?

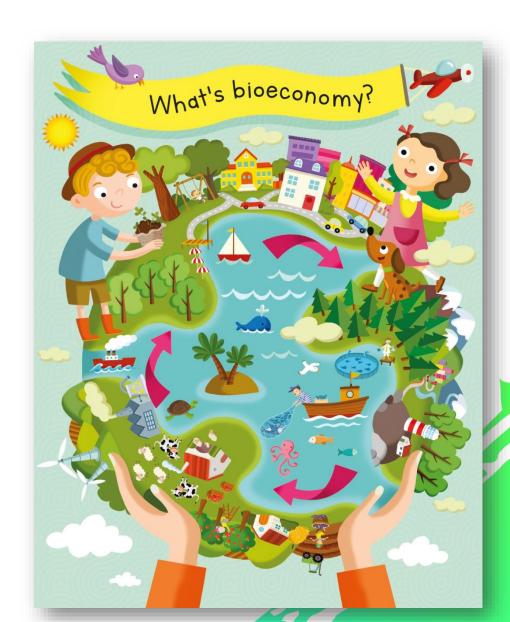
- <u>BLOOM School Boxes</u> provide a valuable collection of bioeconomy related teaching resources for all ages which educators can use to introduce the concept of bioeconomy in their classrooms.
- Introduce your students to bio-based materials with this <u>AllThings.Bio booklet</u>.
- Bio-based economy <u>educational cards</u> have been created by **BIOVOICES** as a ready to use tool for informing the public.
- This "BLOOM bioeconomy suitcase" is packed with biobased products to help visualize the magic of the bioeconomy for kids.
- Follow Ben and Bea, two siblings living in the World of Bioeconomy, in this <u>BIOVOICES book for kids</u>.
- Print out the <u>Transition2bio Bioeconomy memory game</u> to play with your students or a set of <u>experiment</u> leaflets, which students can experiment with at home or at school with simple ingredients such as coffee waste, orange peels to make fun bio-based creations.
- In these picture books, **Farmer Hubert** invites our young guests to join his adventures in the bioeconomy



FIRST OF ITS KIND BOOK FOR KIDS ON THE BIOECONOMY (FROM 5 TO 9 YEARS OLD)

- 8 pages (5 Everyday's situations for kids, the bioeconomy world, a glossary and a let's play section)
- 80 flaps to lift
- 12 languages (English, Italian, Portugues, Spanish, Greek, Dutch, German, Romanian, Slovak, Estonian, Hungarian, French)
- 33 experts from EC, industries and academia in the scientific Committee
- 1 professional illustrator: Alistar Illustration
- 25.000 printed copies distributed (and kids reached!)
- 1 Online version of the book for kids
- 1 launching video of the book for kids by kids
- 3 Important testimonials: Roberta Metsola, President of the European Parliament, Giorgio Parisi, Nobel Prize in Physics 2021, Pope Francis

























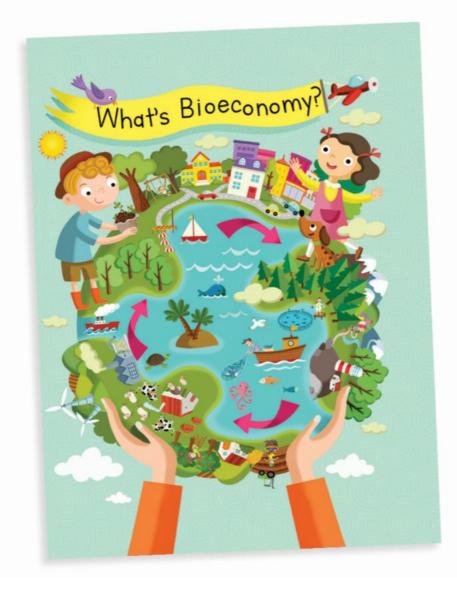






INFO-EDUCATIONAL GAMES

Deutsch Eestlane **English** Español Ελληνικά Français Italiano Magyar **Nederlands** Português Română Slovenský







This Project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 774331



This Project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 101000539

Link to the game:

https://bb4k.fvaweb.eu/

Game design: FVA new media research



INFO-EDUCATIONAL GAMES



memory game

memoru





experiment

INFO-EDUCATION



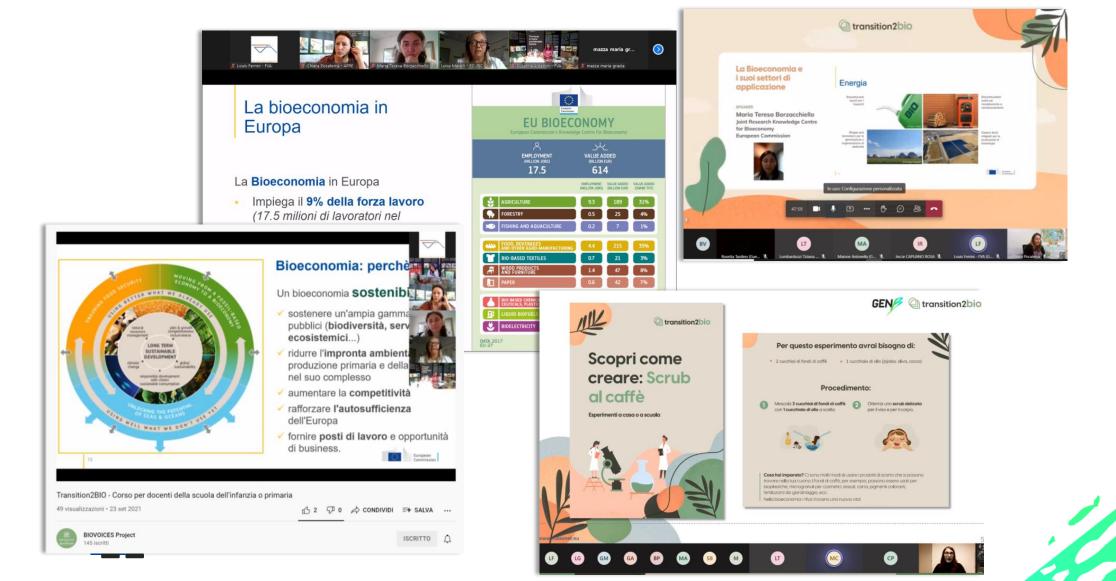


What are

ONLINE EDUCATION



TRAINING FOR TEACHERS: webinars



Where can I find primary school level resources on the bioeconomy?

- The BE-Rural project reviewed <u>100 free online teaching resources on the bioeconomy</u>. This list shows the richness of resources already available and provides teachers with a list that they might want to use in their teaching.
- Teachers can also find pre-made <u>PowerPoint presentations</u> with practical notes on all the key sectors of the bioeconomy as well as its connection to the SDGs and circular economy. All presentations have been translated into Bulgarian, Latvian, Macedonian, Polish and Romanian.
- Games can make students become more involved in their learning, so in addition to the lecture sides, here are some workshops, quizzes, and games from BE-Rural.
- Refer to this <u>BLOOM Q&A</u> about the bioeconomy.
- A glossary table with keywords relevant to bioeconomy is also a key resource.
- A bio-based day video produced by BIOBRIDGES project.















OUR CONSORTIUM:























