BLOOM Stories of Implementation

# *Competition template*

# **Title of your Story**

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# **Name of the author(s)**

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# **Category**

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| Please indicate with an “X” which prize category you wish to enter. Note that each category is judged according to specific criteria (to be found on the competition page and in Terms and Conditions). Only one category should be selected. | X |
| 1. Teaching with bioeconomy in primary schools (individual work) |  |
| 2. Teaching with bioeconomy in secondary schools’ STEM classes (individual work) |  |
| 3. Integrated STEM teaching with bioeconomy – collaborative teaching (teams of two STEM teachers of different subjects) |  |
| 4. Integrated STEAM teaching with bioeconomy – collaborative teaching (teams of up to three teachers of different subjects, including at least one STEM teacher and at least one non-STEM teacher) |  |

# **The BLOOM resource used**

| Please indicate with an “X” which BLOOM School Box resource you implemented in your class. | X |
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| Bloom your school with your biofuel and soap lab |  |
| Examining the thermal properties of bio-based building materials |  |
| Building a new environmental Future |  |
| Growing plastic and new life for plastic |  |
| How poop will change the world |  |
| Don’t waste your waste! - Raising Bioeconomy awareness |  |
| Yeast, biofuels and novel biotechnology techniques’ |  |
| Let's talk about bioenergy and our lives! |  |
| The benefits of composting – How we can produce organic fertilizer in our school garden |  |
| Biofuel production from fruit waste |  |
| Back to the Future |  |

# **Abstract**

| Please briefly summarise your implementation (maximum 200 words). Note that this summary will be used to disseminate your work, so it should be concise and appropriately reflecting the content. Make sure to add up to 5 keywords that you think best describe your implementation. |
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| Keywords: |

# **The implementation context**

| Please briefly describe the context of your implementation, specifying: what subject(s) you chose to implement the resource in, what are the students’ ages, the size of the group, previous familiarity with bioeconomy activities etc. (maximum 200 words).  Please note that the competition looks to collect stories of classroom implementation, so the context must appropriately reflect this. |
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**Your story**

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| What did you do? Please describe how you used the BLOOM School Box in your teaching. For example, what was the structure of the session(s); did you make any adaptations to the resource?  *If you are entering the competition in categories 3 or 4 (collaborative teaching), describe how you worked together with your colleagues to carry out the lesson.* (maximum 400 words). |
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# **Learning outcomes**

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| What did you achieve? Please describe the main learning outcomes you achieved with the implementation of the selected School Box resource. Tell us about anything that supports your case for achieving these learning outcomes. For example, student comments, or any other evidence that illustrates the benefits and impact of your use of the School Box resource.  Note that you MUST have permission to include any photographs, especially parental permission in the case of young people. Any pictures you include should be added directly in the entry form. |
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# **Teaching outcomes**

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| What did you, as a teacher (or a group of teachers) get out of teaching with the BLOOM School Box? What would you say to other people thinking about using bioeconomy in their teaching?  *If you are entering the competition in categories 3 or 4 (collaborative teaching), please also describe your experience in collaborating with teachers of other subjects in your classroom. What is different from traditional teaching?* (maximum 200 words). |
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# **About the BLOOM project**

[BLOOM](https://bloom-bioeconomy.eu/) is an EU Coordination and Support Action implemented from 2017 to 2020. The project aims at bringing together partners from across Europe to debate, communicate, and engage the public in the potential of bioeconomy. An economy based on biomass promises to foster a circular economy and to enhance climate change mitigation, while reducing dependence on fossil fuels. Bioeconomy covers a broad range of sectors, from agriculture and the agrifood industry, to fisheries, forestry, biorefineries, chemistry and (bio) energy – but despite its many applications, it has yet to enter into the public consciousness as an exciting solution to societal challenges.