

# CONSORTIUM



**step by step**

PARENTS' ASSOCIATION



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LEAF - Learn biodiversity through  
Environmental Action For the community  
Project no° : 2022-1-R001-KA220-SCH-000086884

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# LEAF

Learn biodiversity through Environmental  
Action For the community

“It is that range of biodiversity  
that we must care for - the  
whole thing - rather than just  
one or two stars.”

Sir David Attenborough



Co-funded by the  
Erasmus+ Programme  
of the European Union



# BACKGROUND

LEAF is an Erasmus+ key action 2 project that started on September 1st, 2022, and will last until December 31st, 2024.

Through the project, an innovative methodology will be developed for teachers to, on the one hand, improve their teaching skills on environmental education, and on the other hand develop in students a set of skills like critical thinking, problem-solving, creativity, and ability to work with others.

At the same time, students will feel more engaged in issues affecting their local community, possibly becoming change-makers by adopting behavioral changes that are more inclined to preserve nature.



## WE-LAB KIT



A more approachable tool for students compared to a traditional lab. It allows students to use everyday devices (mobile phones, tablets) to run outdoor experiments, promoting learning by doing and collaborative learning.

Every partner organization will, with this kit, have a chance to engage target groups in their countries in a more interesting and innovative way.

Source: <https://www.dnaphone.it/en/we-lab-2/>

# RESULTS

## *LEAF TEACHER'S HANDBOOK AND COMPETENCE FRAMEWORK*

Instructional resource for secondary school teachers in the field of science and biology to guide them towards the design and implementation of Service Learning-inspired initiatives addressed to plant biodiversity. The Handbook will mix theoretical contexts and rationale with practical insights based on the use of the WE-LAB kit, a portable laboratory to analyse solid and liquid samples.

## *LEAF ONLINE ACADEMY AS A SOCIAL LEARNING ENVIRONMENT*

An open online environment hosted on Moodle that will be useful for secondary school teachers and leaders to integrate the learning path taken with the Handbook. It will host a set of complementary resources (i.e. the Toolbox) like proposals for activities, project concepts and strategies, templates, assessment sheets, and digital resources, delivered in a variety of formats.

