

WHY IS ECHO IMPORTANT?



Soil is a vital, yet often disregarded, resource that supports life on Earth by providing the foundation for agriculture, forests, and various other natural ecosystems. However, soil degradation is a growing concern around the world, and it can have severe consequences for our planet - such as reduced crop yields, increased greenhouse gas emissions, and decreased biodiversity.

Project **ECHO - ENGAGING CITIZENS IN SOIL SCIENCE: THE ROAD TO HEALTHIER SOILS** aims to enhance existing, and create new knowledge through amplification of novel scientific research by increasing awareness and literacy of soil health related issues. **ECHO** will lead and develop coordinated **citizen science initiatives** across European Member States and Scotland considering different land-uses and stakeholder needs. With its activities, **ECHO** contributes to the EU Mission 'A Soil Deal for Europe' to accomplish the transition towards healthy soils by **2030**.



PARTNERS

Partners logos include: unibz, SOLUTOPUS, UNIVERSITY OF EASTERN FINLAND, The James Hutton Institute, RE SOIL FOUNDATION, ambianta, USU, Quanta Labs, UNIVERSITY OF HOHENHEIM, ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA, AMERICAN FARM SCHOOL, AgroHorti Media, Ciências ULisboa, FCIências^D, and UNIVERSIDADE DE LUTERBURGA.

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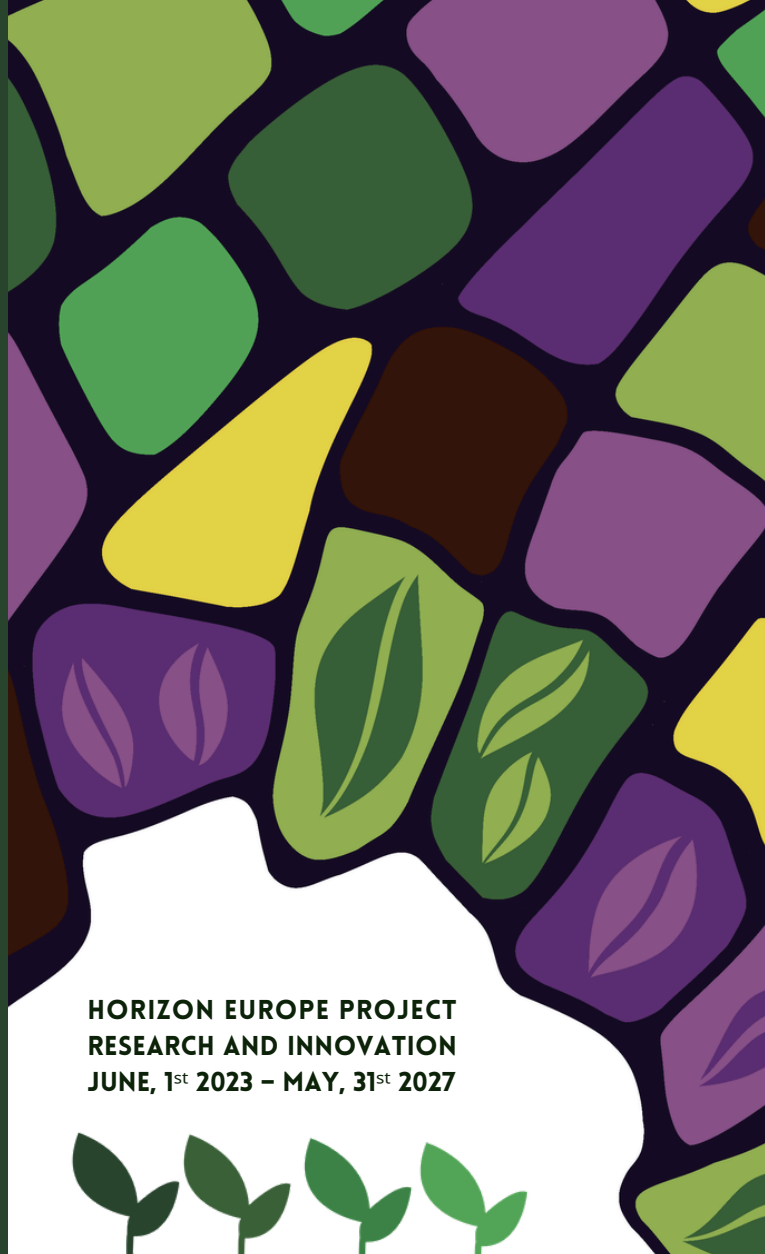
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HORIZON EUROPE PROJECT
RESEARCH AND INNOVATION
JUNE, 1ST 2023 – MAY, 31ST 2027



ECHO

ENGAGING CITIZENS IN SOIL SCIENCE:
THE ROAD TO HEALTHIER SOILS

OUR OBJECTIVES

ENGAGE citizens through increased knowledge and stimulate their interest in soil health

EMPOWER citizens and invite them to take an active role in data collection and soil science

ENABLE citizens to directly participate in decision-making on soil issues based on acquired knowledge

ECHO SOIL CHALLENGE SOIL STORIES

The ECHO Soil Challenge: Soil Stories aims to raise awareness among students, teachers, educators and citizens about the value of soil. We want to encourage creativity, scientific experimentation, and science communication!

The contest is open to children and teens aged 6-19, as well as ECHO Ambassadors of any age. Check the link for more info!



ELIGIBLE COUNTRIES:

FINLAND, GERMANY, GREECE, ITALY, POLAND, PORTUGAL, ROMANIA, SCOTLAND, SPAIN, FRANCE, SLOVENIA, AUSTRIA, SWITZERLAND, CYPRUS, BULGARIA, HUNGARY, CROATIA, CZECHIA, SLOVAKIA, LUXEMBOURG, BELGIUM, IRELAND, NETHERLANDS, NORWAY, DENMARK, SWEDEN, ESTONIA, LATVIA, LITHUANIA

CHECK FOR OPEN CALLS ON OUR WEBSITE!

TOOLS AND ACTIVITIES

28 tailor-made **citizen science initiatives** across EU Member States

16,500 sites in different climate and biogeographic regions assessed

TOOLBOX

Citizen Science Toolbox - a free resource including open access field guidelines, protocols and forums

ECHOREPO

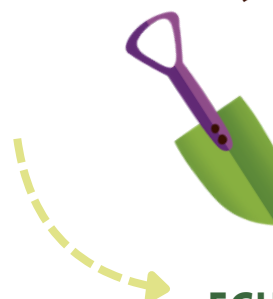
a long-term open access repository with a direct link to the EUSO (The EU Soil Observatory)

SOILAB FOR TEENS

an interactive learning tool designed to expand and test your knowledge of soil through a series of games



DOWNLOAD OUR APP
AVAILABLE ON IOS AND
ANDROID DEVICES



and access ECHOREPO:



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