

# EU SOIL DAY

#EUsoilDay

Title: NBSOIL project to launch the learning program for soil advisors

Speaker: Grzegorz Siebielec, IUNG

U  
23

PRESIDENCIA  
ESPAÑOLA  
CONSEJO DE LA  
UNIÓN EUROPEA

BRUSSELS  
6 NOV 23

#EUsoilDay



# ID-card of the project



**NBSOIL**  
Nature Based Solutions  
for Soil Management



***NBSOIL - Nature Based Solutions for Soil Management, Project 101091246***

*Duration 48 months: 1 Dec. 2022 – 30 Nov. 2026*

*Coordination: Institute of Soil Science and Plant Cultivation – State Research Institute*

*Coordinator - Grzegorz Siebielec [gs@iung.pulawy.pl](mailto:gs@iung.pulawy.pl), Project Manager – Javier Montellano [javier.montellano.lopez@gmail.com](mailto:javier.montellano.lopez@gmail.com)*

*Partners: BOKU, BC3, AGRISAT, REVOLVE, CDR, CNA, ITAP, CAFS, ALCN, ILOT, UNITO, AERES, IUCN, FIBL, Soil Association*

*Webpage: [nbsoil.eu](http://nbsoil.eu)*

*Granted under the call: HORIZON-MISS-2021-SOIL-02*



**Co-funded by  
the European Union**


Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them.



**UK Research  
and Innovation**

This work has received funding from UK Research and Innovation (UKRI) under the UK government's Horizon Europe funding guarantee grant number 10061997.

**Project funded by**

 Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra  
Swiss Confederation

Federal Department of Economic Affairs  
Education and Research EAER  
State Secretariat for Education,  
Research and Innovation SERI

This work has received funding from the Swiss State Secretariat for Education, Research and Innovation (SERI).

# Key objectives

- *NBSOIL(Nature Based Solutions for Soil Management) is a four-year project which aims to **co-create and test a learning pathway for existing and aspiring soil advisors.***
- *The co-creation process will engage stakeholders such as land managers, researchers, soil advisors, community organisers, entrepreneurs, technology developers, local authorities and policy makers. Pilot learning program will cover 300 participants from 8 countries (Poland, Austria, Switzerland, United Kingdom, France, Netherlands, Italy and Spain) completing the full 2 years training offered in 6 languages (English, Polish, German, Dutch, French, Italian, Spanish)*

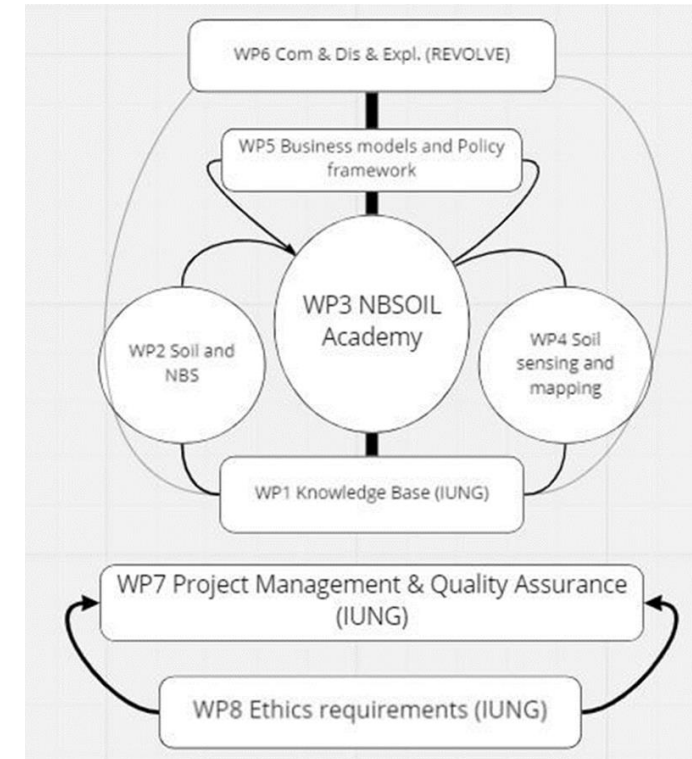
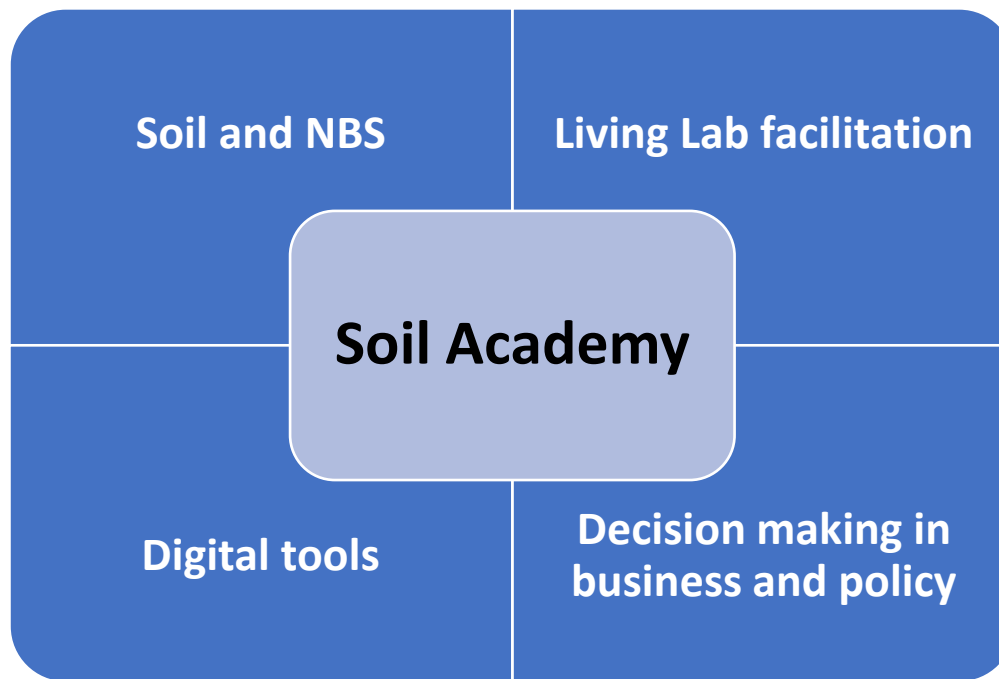
*Land uses covered by the project: **agricultural, urban, post-industrial, forest***

*Soil types: **mineral and organic soils***

*NBS: **cover crops, paludiculture, forest diversification, blue/green infrastructure, bioremediation, organic fertilisers***

*These categories support soil advisory capacities for **agriculture, forestry, urban planning, and restoration of industrial and former mining sites***





*NBSOIL will enable soil advisors to:*

- *Identify and recommend Nature based solutions*
- *Make use of digital tools for learning and soil monitoring, modelling and mapping*
- *Integrate and make data and models*
- *Collaborate among soil advisors and other experts*

***NBS: cover crops, paludiculture, forest diversification, blue/green infrastructure, bioremediation, organic fertilisers*** in line with the IUCN Global Standard for NBS

***These categories support soil advisory capacities for agriculture, forestry, urban planning, and restoration of industrial and former mining sites.***

# Examples of other exploitable results and outputs

<i>Introductory MOOC (Massive Online Open Course)</i>	Online learning resources in various languages to raise soil literacy among the general public and to engage soil advisors
<i>Spatial planning and soil NBS toolkit</i>	A report on spatial planning to include the NBS use and greenness parameters in the decision tree
Marketplace, collaborative platform	Platform including videos, guides, feedbacks, concepts and e-learning modules developed within the programme
<i>Handbook - Soil Nature Based Solutions</i>	Practice abstracts in the EIP – AGRI format containing insights on the NBS categories
<i>GIS Tool and ARIES Soil Module</i>	A user-friendly GIS Tool integrating the information and dataset acquired from the pilot areas
<i>Remote Sensing Handbook</i>	A guide explaining how to integrate multiple data sources to assess and monitor Soil Health
<i>NBSOIL Card Game</i>	Card game representing images and icons for different soil related concepts and practices, to enable a storytelling approach