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-  Leitat Technological Centre
-  Netherlands Institute of Ecology
-  Leibniz-Centre for Agricultural Landscape Research – ZALF
-  Pensoft Publishers
-  Lund University
-  University of Évora
-  National Resources Institute Finland
-  Institute of Advanced Studies Kőszeg
-  National Observatory of Athens
-  Norwegian University of Life Sciences
-  University Of Antwerp
-  University Of Trento
-  Fraunhofer Society
-  Iclei European Secretariat Gmbh
-  Pesticide Action Network Europe
-  Agroecology Europe

Consortium

17 partner organisations across
11 EU member states and Norway

Project coordinator

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Network


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Duration

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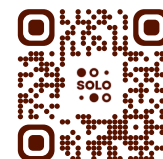
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SOLO for Europe



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Background

Healthy soils are essential for life on Earth as they are the foundation of our food systems. They provide clean water and habitats for biodiversity while contributing to climate resilience and support our cultural heritage and landscapes and are the basis of our economy and prosperity.

Soils are under multiple pressures, including climate change, urbanisation, pollution, overexploitation, nutrient mining and biodiversity loss with the European Commission estimating that under current management practices, 60-70% of our soils are unhealthy.



Objectives

The EU Mission "A Soil Deal for Europe" aims to address these issues by:



funding an ambitious research and innovation programme with a strong social science component



putting in place an effective network of 100 living labs and lighthouses to co-create knowledge, test solutions and demonstrate their value in real-life conditions



developing a harmonised framework for soil monitoring in Europe



raising people's awareness on the vital importance of soils

Achieving those objectives requires a direct involvement of a wide range of stakeholders, bringing together multiple perspectives in ecological, environmental, economic and social contexts.

Mission

SOLO will identify drivers, knowledge gaps and bottlenecks for sustainable soil management, and novel research and innovation approaches to be considered in the European Soil Mission research and innovation roadmap. The project aims to create a knowledge hub for soil health research and innovation that will last beyond the project's lifespan by establishing strategic partnerships and by implementing a participatory and transparent process.

SOLO will implement Think Tanks, one for each Mission objective, with the aim of identifying the knowledge gaps, drivers, bottlenecks, and novel approaches in terms of research and innovation, as well as suggesting KPIs to monitor the progress of the Mission R&I related activities. Together with an open digital platform, the Think Tanks will function as an operational tool for implementing a participatory process that will last beyond SOLO's lifespan.

SOLO'S THINK TANKS

