

An International Research Consortium on Soil Carbon

A Knowledge Hub on soil carbon

The ORCaSa partners plan to set up **the first Knowledge Hub on soil carbon** and want to make it an instrument for alignment. The future Hub aims to **identify research gaps, strengthen cooperation, build a common dataset and share results** to increase the value and outcomes of projects. Members will be selected among coordinators and participants from projects funded by **the Belmont Forum, BiodiVERsA, Interreg Europe, the Horizon Europe Programme**, or at global level.

The selection will be based on the relevance to the topic of soil carbon, the variety of soils covered by the project, its geographical representation, scientific excellence, etc.

Research on carbon sequestration carried out within the framework of the projects will be primarily considered in addition to its impact on increasing the amount of carbon stored in global soils, its contribution to the establishment of **an international and harmonised framework for MRV (Measurement, Reporting and Verification) methods and tools**, and the study of socio-economic models enabling the scaling up of carbon storage in soils.

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**Strengthen
cooperation
between
projects**
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Knowledge Hub activities

Researchers representing the selected projects will be invited to participate in **4 workshops from 2023 to 2025**. They will have the opportunity to present their respective project, its outcomes and main goal, as well as identifying potential collaboration with other projects part of the Hub. Moreover, they will contribute to policy briefs and key messages for various stakeholders to advance the topic of soil carbon sequestration and to help change practices in the agricultural sector. By the end, the identified research gaps will directly contribute to **the Strategic Research and Innovation Agenda (SRIA)** developed by **the International Research Consortium (IRC) on soil carbon**. Interested researchers can submit their project to the jury: short summary or slides, official website of the project, partners, type of funding, soil land use types, etc.



Join the soil carbon community!

The IRC on soil carbon that will emerge from ORCaSa in 2023 will advance carbon solutions through knowledge sharing, harmonised research activities and funding. It will also contribute and support **the Mission 'A Soil Deal for Europe'** which main objective is the transition towards healthy soils by 2030. We are therefore **looking for international scientific institutions and public or private funders** to help us carry out the multidisciplinary research still needed to remove the last barrier to scale-up. We are currently updating the SRIA on soil carbon and soil monitoring and are **seeking out experts on soil carbon related to peatlands, forests, and urban and recreational areas**.

